

acaacacaaa	tgatggctac	aagaaggagt	attagcaccg	catctnggga	ctacaatgaa	180
gctctcaacc	tactatctac	actctattcg	aatcgtcaga	ttaccaattt	attcgacaag	240
cccacatcgc	aaaatgcctc	actcgaacaa	gccaaagacc	tgaatgcgct	ggcgcttctt	300
gagatgcgcg	aatggcttcg	gcgcgctggc	tatnaaccaa	aggatctcgc	tcgcctgagg	360
cacattcata	tagcangcac	aaagggcaaa	ggttctgtga	gtgcatttgc	aacgggtatg	420
ctgcgacaat	acnaaactgn	cggcacatac	acgagtcac	atnttgtgag	tccccgcgag	480
cgtatcncta	ttcagggcga	gcaggctctt	caagcccttt	tcgnggaggc	cttntttgaa	540
ctttgggaac	gactgtccac	cccgccaaaa	a			571

<210> 987

<211> 747

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 987

ccctttcttc	ttctctttac	atcaacattt	cgacatctgc	tttggagcga	caaaccgat	60
tcgtttttta	tcacggcttg	aagatacaaa	gcatttcaac	ttttgcattt	gctctttgca	120
tttacaatca	gcaaaacaat	attccgttca	tactcgaacc	actacacaac	aacgcgaccg	180
atacaatggc	gactccccag	ttccatcaact	cttacgaggc	tgccgacagc	gacaagaagc	240
tcgagcagat	tactttccga	ttctgtctcc	aatgtctcaa	catgttgtac	cccaaggagg	300
atcaggatgc	tcacaagctc	cagtttacct	gccgaacctg	ccagtacacc	gaggacgcca	360
agtctacctg	cgtcttccgc	aacaacctca	acacctcgcc	tggtgagacc	gccggtgtca	420
cccaggatgt	tggtccgat	ccgacgctcc	cgcgatctac	aaactgttct	ctgccactgg	480
ttgtgggtga	catcgattta	gctgtacttc	ttgcagcttc	agcagcgatt	gcgctgatac	540
tggtttgect	ctgtttgtaca	agatctgtct	gcgcacgcgc	gtcatgtgcc	attttcacct	600
tgccatgggg	aagatctttt	actgcgctac	cgaggcaccg	acacgtcgcg	gtgacgaaga	660
ctgttcgcct	tatcatttgt	atttggcaag	gcgtttacaa	aanggtatga	caaggtttct	720
gtcatggggc	ctgggacttt	ttanaaaa				747

<210> 988

<211> 402

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (402)

<223> n = A,T,C or G

<400> 988

tntgtcanda	aggaccagac	attccccgac	tnanacaaga	ctgtntctcc	tggaacagag	60
tactatgcct	gcggctcctag	atgtcacgag	ttcctcaagg	aaatcggtaa	catccttctg	120
gaatacgatg	ccttttagtgt	cggtgagatg	ccttgtgtgc	atgacgagcg	ggagttgatt	180
aaggtgtgtc	acggtgaccc	aggagaactc	agcatgatct	tccattttga	gctgatggat	240
ctngatcaag	gggtcgaagg	caagttcaag	ccagatctct	anaaactctn	tgaactaaaa	300
gttacaaccc	tttaagtggc	agaagttcat	gtangacaa	naaangctgg	aaagcgcttt	360
acctenagaa	ccacgancag	ccgggggctn	ncaagccgct	tt		402

<210> 989

<211> 647

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(647)

<223> n = A,T,C or G

<400> 989

cagacactca	agattccttt	ctttctttct	ttctctctca	cccacacact	cactttcggt	60
actactatac	cttgactttt	agtcaatttc	attcttttaa	gtacatcatc	aaccactaaa	120
ctttcgagtt	accaataatc	taatacccaa	cccccaaac	ccaaccatca	aaatgaagtt	180
cgctactgct	ctcgctttcg	ctgccggcgt	tgtgtccac	gccagaacg	ttacctacac	240
cactgaggtc	gttactgctt	acaccaccta	ctgccccggt	cccactgaga	tcgtccacgg	300
cgacaagacc	tacaccatca	ctgaggccac	cacctgacc	atcactgact	gcccttgac	360
cgtcaccaag	cccgtnatca	tgacctccgc	cgttgtctgc	cacgactgcc	ccactggtga	420
agaaaagcct	aagcaaggcc	ccagcccagc	ccgggcaccc	ttgggcccac	cccggcgcaa	480
gggtcacaaa	cttttaccat	gggtcccccg	gtentacccc	ttactggggg	aagcccaagc	540
aaacggtggt	gacanccgc	cgggcccccg	tgtctctct	ancgtggtg	ttcccgaaga	600
agtcctactg	cccgggtgcg	gcaangtcgc	cgtctctct	ggtgcgc		647

<210> 990

<211> 737

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 990

cgcaaagagc	ctctgtcac	ttttgcctct	aacaaaaact	ccaatcgata	tcttacctcg	60
aaaccaccaa	aacacccaat	cgacccaaa	aaaccgacaa	gatggatttc	ggaaacctcg	120
gaggaaactt	cggaaatggt	ggaaagcagc	tttccaaatt	cggagcctct	gttaccctct	180
ttgcgtcgcg	cactttccaa	tacaccaagg	agcagttcgg	ccagactgag	gacaagaccc	240
agctccctcc	cgactatata	gacctcgaga	agcgtgtcga	tgcccttaag	caagcccacc	300
aaaagatgct	tgtgtgtgac	tcgcaatact	ccaacgaggc	ctacgactac	ccccctaaca	360
tcaaggagac	attccaggac	ctcgcccgca	ccgtcagcga	aaaagtcagc	cttctttctt	420
cagccacctc	tcttgccgaa	gcccaggtcg	cccttggtgc	tctcccgtct	gccaaagcctc	480
agcccaagac	tttcaaccat	gctgtcgccc	gcccagctct	ggccagcagc	cagctcctcc	540
accagcacca	caccgggtgc	ggtgaagacc	ctcttgcgaa	ggccctggaa	aantatgccc	600
ttgccaaaca	gcgtgtttgt	gaggccccgac	ttgcccaaga	tgcccaaatc	caaaaccggt	660
ttctngntgg	gtggaacact	actnttaaca	ccacctgntt	ttgcaccgt	gcccgcacaaa	720
acgttgaaaa	ctcccg					737

<210> 991

<211> 867

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(867)

<223> n = A,T,C or G

<400> 991

cccatcacaa	aacgaggagc	tcagagaata	ggccagcaca	cagacgtatc	tgggaccaga	60
aaaacaatcg	ccaaaatgtc	gaacccccgc	ggtgaagaac	ttcccgacga	ggagcccaag	120
aaagaccacg	tcaggagcga	cgaggatgac	tctagcgagc	actctgaggt	tgaggaggtt	180
ggagaggggc	agctccccgc	tggtctctac	gttattccaa	accgcaacga	gaagaaggct	240
cgcaaggccc	tcgagaagct	gcacctcacc	cgcctccctg	gcctcaccgc	tgttactctc	300
cggcgcccca	agaacatcct	nttcgtcctc	aacacccccg	aggtttacaa	gtcacccaac	360
agcaaacact	acattgtctt	cggtgaggcc	aagattgagg	acgttaacgc	cgtgtctcaa	420
caagctgctg	ctgctcagct	cgcctcccaa	aacgctgagg	accactctgg	tcacaaccac	480

ggcgagccca	gcaaggctgt	tgaggctgac	gagaaaaagg	aggacaagga	agatgatgag	540
gaggaggagg	atgaggagga	ggaggaaggt	cgatgcctct	ggactcgagg	ataagggcat	600
cgagcttgct	atgacccaag	gccaatgtca	gccgaaacaa	ggctgttaag	gcattgaagg	660
agaacgacaa	cgacattgtc	aattccatca	tggtcttaag	tatctaggca	taagtttttg	720
accggacgat	cttcgacaaa	agcatgtgca	tgggacgaac	actgggctct	gtattagttc	780
tgggcgaact	gtactctgcg	gaatggagtt	gatgtcaaac	aacggaaaaa	aatcaaaggg	840
aaagcaccca	catccgtcaa	aaaaaaa				867

<210> 992
 <211> 681
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(681)
 <223> n = A,T,C or G

<400> 992						
aaacaacttc	gtctcttaga	gattgagcac	aaagctcctc	ttttttcgca	tttctctgag	60
accatcaacg	gtctcgccac	tattcgtgct	ttcggctgga	cgcaaccgta	cactgacagg	120
gtcctaacte	gcattgacga	tgctcagaag	ccatcttact	tgctcaactg	tattcagcga	180
tggtttactc	tagttctgga	tatgggttgc	gcgtttttga	caattatcct	tgttatatatt	240
gctgtcacgc	ttcgcgaaaa	gattaaccct	tcgnttctag	gcattgcact	ggtcaacatg	300
atgaggcttg	gtaccaacat	gaagggcatt	gttctaaact	ggtcaatcct	tgagacttcg	360
ttaggtgcta	ttgcgcgtat	tcgcatgttt	tgctcttctg	cncacagcga	ggagaaacca	420
ggggagagca	acgatccaga	atacatttgg	ccgaganaag	ggagtctgga	agtcaagaac	480
cgtagatgtg	aatatgaaca	cacaactgac	ctgtntctacg	cggctctttna	ttcacctcaa	540
gcctgggtgan	aaacttggna	tatgtngcca	agcngtngtg	gaaanacctt	tttgttcaat	600
ccttntctcc	natggntgaa	gccgtctntg	cntatanttt	tgncggagag	atatttttgt	660
ttntctaaaa	ttttnttcca	c				681

<210> 993
 <211> 599
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(599)
 <223> n = A,T,C or G

<400> 993						
gtggacaagt	ttgccgaggg	attacaacca	catcagctgg	cgaagacttc	agatgggtca	60
acgggtactcg	ccaaagccgt	tggtgagcat	aaccttcttg	gtgcatcacg	actttacagc	120
aacatcagat	tcgaagcctt	ggggtcactg	gttgggactg	gatgcagata	aggcggagga	180
gactacagca	cgtatgatcg	aacaaggctc	attggtaggt	cgaatggacc	agctcgacgg	240
tattgtgtac	tttgagggag	gcgaggcgtc	tggaaaaaaa	ggtagtggac	caacccgaag	300
ttcccggttg	caaagaaaatg	cgaacatttg	gactccaatg	tccaaagtct	tggcagaaga	360
actacaaaaac	qtcaccaacg	cqcctqcaaa	aqqaatttct	qaatttggtg	ctgcaaacct	420
tggtgtatga	agaaaagata	cangcataga	aacttttctg	tgtctggcgt	tttaaggggt	480
gggatgaatg	aatgctatgt	atgtctaattg	cacaagcaca	tagctccctt	tgggttttaa	540
ctggcatttta	tgacacaggc	caaatcccaa	atctaaaatg	tttctaccga	aaaaaaaaa	599

<210> 994
 <211> 452
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 994
 gcgcacccgc ggctcctagt gcgcaccttc ccagcgcgcc cgcgcggccct nctnctggtc 60
 aacaatatta tccccctat ccacaacatg cctggcaacc accaccttct nctccgcga 120
 gggactggag ggattgggtc atcatggcta cggtagttgg aggagtgtnt tatgggtctct 180
 acgagctagg caagcgttac ntatacccca atgtggcacc cccgacaccg ganaagctgg 240
 agcaggacaa gaaatcgatc gaggatcagt tcgaccganc ttttacctg gttgagcagc 300
 tcgctaagga tacggagagc ttgaanaatg ccgagaagga nagaaccgan aagctagaca 360
 cggcgatcgc ggacctcgag acagttatta ctgacctcaa ggctgccaac cgaagacgcg 420
 aggacgatgc caatcgaatc agggacgaag tt 452

<210> 995
 <211> 567
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

<400> 995
 gttccatcta ccatgaaggc cgttcagatc aacaagaacg gcggtgttga ggttcttgag 60
 cataataatg tccctgttcc caaggctggc gagggctcaga ttcttgtgcg caaccaggtc 120
 gctggtctta actacataga tacctacttc cgttctggtc tttacaangc acctcaattc 180
 cctcttacgc tcggtcgtga agctgcggga actatcggtg atgtccactc ctctgtcaag 240
 ggcttcgana acngtactcg ggtggtcttt atgggcacag tcggtgccta tgctcagtac 300
 agcgttgtca acgcttctga tgcggtcaag atccccgatg atgttcctac tgagcaagct 360
 gtaccgctta cctgcaaggt ctacacacatg gacatttatc ccaaaaagccg gacagggtcca 420
 ggaaagccaa tgggttctat tcacccgcac ctggtggttt ngtagcttgt tngttcacct 480
 ctacnaactg tcngtgccc natcattgta ctgctaccnc gataaaaact naactcncca 540
 aaaaaacgtg cnggggtgggt ttcactc 567

<210> 996
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 996
 gggacaggca agatgaatgc gccaaantnt tagaaccctt gngggctttc tcatccaaat 60
 tttcatggat cgcgcgtcaa anacaggcat cactggctaa cccaggaaaa ccttgtgcc 120
 aagaagccag aacccccancc aggaacaaac agagcccccg tttctctgat ccatccaaqc 180
 cctggcacct gaaagcctct aaaagcgaag aggcgcgaac acggcatccc ctcatgcgac 240
 cttcagcttc gatccttcag cgttcaaccc ctogaattct tctccgattt tgctctaana 300
 ccgcttaacta cttgggcctc cccgcctacg gtcccgtccc tctcccacgc atcaccgagc 360
 gctggantgt cccacganan aacttcatct tcaagaagtc gcagganaac ttcgagcgaa 420
 ajanactang tagactcacc cagatccgcg atggaaaacc cganacagtg cagttgtggc 480
 tcgcatanct ccgcgaagcacc caattctacg gggtnngyaa tgaanggcaa catttnngyaa 540
 tttanccact nggcgaaggc acaagatgga tgctcttcc 579

<210> 997
 <211> 654

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

<400> 997
atcgtctgaa ggcattggtga ttgatctgag gaagatgcgg aaagtcgaag ttgaagaaga 60
agccatgact gtcgagttcg gaggtggatg tctctgggaa gacgtcgatt ctgcccttga 120
acggcatggc ttggctactg tgggaggcgt cgtcaatcac acaggggtcg gaggactaac 180
actaggaggt ggacatggct atctcacagc tcgtcatggt ttaactatag acaatttggt 240
ggaagctgaa gtggtttctcg ccgacggcgc gatagtcgaa gcatctgagg acaaagatgc 300
aaattttgtt tgggccattc gtggtgcagg agcacaattt ggagtcgtca ctcgttttct 360
ttctcgagcc catcagcaag tcaaaagtatg gacgcgtacg ctggtctact catctgacaa 420
gctgccttat ctattacgtt ttgcaaaaga gttacataaa gagacccaac acagaanqnc 480
attgtcttgc tttangaata gcttttgggc ccaatggtea acaccgcgcg tattcaacta 540
tncctctggt tcatggccan aatnccatgc caaaccgtta ctttttctag gtcttaattg 600
agttggatct ttntggccga taatacttgn gatgatgacc acngccgaaa acat 654

<210> 998
<211> 516
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(516)
<223> n = A,T,C or G

<400> 998
tcacactccn gtgcacagca acatcagaca aaatggcccc cgccgcaaag aagcagaana 60
agaagtggtc caagggcaag gtcaaggaca aggtccatca cgccgtcgtc ctgcacaaga 120
ccaccttcga gaaagctcta caaggatggt cagtcttacc gtctggtcac tatcgccacc 180
ctcgctcgacc gaatgaagat caacggttct ctggccccgac agtgcccttgc cgacctcgag 240
gagaagggca tcatcaagcc tgtggttaca cacagcaaga tgaagatcta caccctgtgc 300
gttgggtggt cgcactaaat gcaattcaac gaaaaatttg agtctcacga ttgtgcgtct 360
gggtggcctg gacgatagac aggccacatg gtcggagggt gttgcaaggc gaaaaagaag 420
cctgggtttg gacgctattc atgctcggtt aagcattggg acggaatcgc tttagcacia 480
acggcaacgg aatgaaaaat cttcgaaacg accaan 516

<210> 999
<211> 461
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 999
cgcaaccctt cgagcttttc gctttcaacc cccccaacaa cgacaccatg tctcacgaaa 60
gggtctggaa ctcccqcccc cgaaactacg gcaagggctc tcgcagctgc cgtgtctgca 120
agacaaagcc cggctttatc ccaaaagtaac acctcaacct gtgcgcagag cgtttcgggt 180
agaaggccaa ggacatcggt ttcaacaagt accgataaac gatccatcat catgacaccc 240
ggttttctcg ttttaagggt ggggggaaat gctggagagc agagtattga gtggaagggg 300
agaactctca gcagaaagtc aaaggcctcg cgttaaaaaa gcactcggag ggcggcccg 360
tctgnaacag gcagttctaga gggcctgctt gggctccctca agaagatcgt gcgtctgaac 420

aacatcctcc gaggatagac gaataccatt gtttggcctc g

461

<210> 1000

<211> 560

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(560)

<223> n = A,T,C or G

<400> 1000

atttnnggtc	gtcaatcata	gcaggcgcca	gcagtacaat	agttaccaac	ccaatatggg	60
ttatcaagac	acgggtcatg	tcacagagca	acattcgaca	caacacccag	gaccaccatt	120
orgcatacta	tccgaaagcg	actagcagac	caacaacqcg	accaacacta	cacgactggc	180
actacaaatc	cacactagat	gcagctcgca	agatgtacac	ctcggaaggt	ctcatttctt	240
tctattccgg	actaacgctt	gctcttctcg	ggttgacgca	cggtgctgta	caatttccaa	300
catacgagta	cctcaaaacc	aggttcactg	gtcaagggat	ggcggaatcc	aacgagggag	360
acaataaate	ccatgttttc	gggatcctgg	gggcctcgat	tctatccaaa	atcctcgcca	420
gtaccgcgac	gtaccctcac	gaagttatct	gcacccggtt	acagacccaa	cggcgtncgc	480
ttgctggcga	ggagttcgct	canggtatgg	gagtgacnng	ttcaagcccc	ccgagccctt	540
gctgcgaagc	caagtaccaa					560

<210> 1001

<211> 689

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 1001

acgagactgg	gttcgatcta	tccttttccc	atctcatctc	aaatccgctt	cattcatcgt	60
ttttctaatt	cagtgaaca	cccacaccac	accttcgact	ttctacggcg	acgcgactca	120
aacgtatttc	cgtcagactc	gtcaacgcaa	ttccgctgca	gagaacaact	ttcgcgatag	180
cttccacatc	acacgtctaa	cagctcgtat	atcacaatca	acatgtctca	cgaggaagat	240
ctcattgact	actccgacga	ggagatcggt	ggcaacgaga	ccgccgcgac	tgccctccat	300
ggcaagaagg	gcgagctcgc	cgccggtaac	aatgtcgaca	agaagggcag	ctacgtcggt	360
atccattcga	ccggtttccg	cgatttccctc	ctgaaggctg	agttgcttcg	cgccatcgcc	420
gactgcgggt	tccagcctcc	atccgagggg	ccaacagctc	tgatatctct	catgcgctcc	480
tccggtggtg	tattctcttc	ttcaagcggt	cgctccggtc	ggcaagtaag	aactgctgtc	540
catttggtct	tcgtatcgt	tcctcgtcgt	cagacccgtg	gtcacggaaa	gtctctgtgg	600
ttgtcatgtg	ccacattcgt	ggctgcctga	gccatggtct	gacagacagt	gggacgtttc	660
agcaatactg	cccgaactca	aacngtgtc				689

<210> 1002

<211> 587

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(587)

<223> n = A,T,C or G

<400> 1002

cttcgcgcgc	gcttggtgtg	gatctggagt	accattgcag	gcctggatct	ttggaaagat	60
------------	------------	------------	------------	------------	------------	----

tattgtctcc	tttaactata	tcgcagccga	tccggacctt	tccgaaagca	aattctgggc	120
tctgatgttc	gttgctctgg	cagtaggtat	aggagtcagt	tactttgtcg	tgatctttgt	180
ggcaactcgc	atgtcagcga	ccatccgggc	caagtatcag	caacagtatt	tcgacgctgt	240
catgtttcaa	aagacatcat	ttttcgataa	cgaagatcat	tctcatggaa	caatgacatc	300
gagactagga	acagacccaa	aacagttgga	agagatgatg	ggactcaaca	tggcgagtgt	360
cttcgttgca	ctcttcaatg	tcataggggc	tgctactatc	gcctttgcac	acacctggaa	420
actancagtt	gtttcgtggt	gcgttggtct	gcctgtaatg	atcatctcgg	cttattggcg	480
cttccaatac	aaattggctt	ttgaaaagan	gaacaacnac	tctttgcnga	aactcaaaat	540
cncgtccgaa	tcaatggact	tttaagactg	tcattctctg	acctgga		587

<210> 1003
 <211> 987
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(987)
 <223> n = A,T,C or G

<400> 1003						
ctcaagtcac	ttctaaccac	atctatatat	cacgacagca	gacgcttagc	ttcaagtttc	60
gtggctgcac	taattagcta	tggatgtcga	agagtcgccc	tgggccgatt	catcacaggc	120
ttcgcaacag	gcgtcgcagc	ctgaagcctc	ggcctccgct	tcgcaatcac	ctaccccagc	180
tcccgtctcc	tcatecgccc	ctcgtccgtc	gagaggggcc	cgctcgctgg	tcgctcaacc	240
cacacgtctc	gaagctgtcg	acnatectct	tggctccctc	ggtgcgctcc	ccgaagacaa	300
tggttccgct	caggatgccc	ctccgggtgc	tccgcaaaaag	gagcagatgg	tgattcgtac	360
caccatgcct	caaccgcaac	agcagcgacg	acctgcggac	cctaaccata	tcgacgacga	420
agtaaatgac	ggtccaaaagg	ctctcgcgc	acctccaccc	gtcgaagctg	cgcagcctag	480
tgctataagg	agcagcaacc	agcctagtgt	tagcattgaa	caggccgcca	agcctacttt	540
ccagattttac	gttgggtgatc	ctcaciaaagt	cggcgatttg	actagttctc	atatcgtcta	600
ctctgtcaga	accaagacca	cttctaagggt	atacaagcaa	cccaggttcg	aagtcaaacg	660
ccgataccgt	gatttccctgt	ggctctataa	tactctccac	ggttaataacc	ctggcatcgt	720
cgteccacca	cccccggaac	agcaggctgt	tggctcgcttt	gacagtaact	ttggttgaag	780
ccgccgagcc	gcactcgaga	aaatgctcaa	caagaccgcg	atacacccca	cgctacagga	840
cgaccccgat	ctgaagcttt	tcttggaag	cgagaccttt	aatgtggata	tcaagcacia	900
gggaaggaga	gatctatctc	acccgagagc	aaagggcgtc	tgggtttcttt	gggtattaat	960
ggtgganggg	ggacaagttt	gggggggc				987

<210> 1004
 <211> 586
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 1004						
cgagagagag	tgcaatgggg	aggccgtcga	tctcgggngl	agaggtctcc	gaatcggggc	60
aattttccatc	atcatgggct	cctcgtctcat	tggggcgcaat	cttgccctatt	ttcctggggc	120
cgccaaaaaag	acaatccccc	gtacccaaaat	ttaccttctt	catttgcaag	ttcgtcggta	180
ccgggtggtat	tatagcgaca	gctttttatgc	atcttctggt	cccggccgctc	aaaaacttgg	240
gtagcaaatg	tctcgaagga	tgccttggtg	ggctacaact	gggccgaagc	aatcgccctc	300
atgacggtea	tgggtcaggt	cttcgtcaaa	atgctcgcgc	ctcgtctcag	naacggcgat	360
atggagcaca	accactctga	cgaatttcgac	cctgcccattg	aagtcattgc	caagaaatca	420
cccagcaccg	acatcgaaac	cggaaaaacgc	agggcatccg	gctaccctcc	tggaagcgat	480
gaacaccttg	cccattggctg	tgagcacaag	gaaaggcaag	cgcagggtgg	gacttgcctg	540
ccaactttctc	gcatctttca	ttctcnaatt	cggaaattgtg	ttccca		586

<210> 1005
 <211> 307
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 1005	
ctttgtcacc tctgtcggaa acatcaagct ctttggcgac agtgactcca tgagcgtga	60
ccttgcatte ctcagtctcg ctgagagaat caccgcgcaa gaggtcgacg acaacctncc	120
cylgcgatgt cccgacgacg ccgcgcggcg accatggagg cgcgcacgac tgagttgcga	180
gacaaccacn acaqcaactng gcggtaccgt caattgcgtt atccgcaatg cgcctctgg	240
ctangngagc cttgcttoga caagggttcag gccacettgc ccaaggccatg atgtccatcc	300
cgcgcgt	307

<210> 1006
 <211> 626
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(626)
 <223> n = A,T,C or G

<400> 1006	
ggcggttgaga cacggatcaa tcgaattaga aaagacccct ctttcgactg taacatttac	60
atcccatccg tccatccaag ctggacaagc gtacttcacg caggcccttc ctctctctcc	120
tactctccct cctcttccct ctcgtcgctg taactctggc ttcttcaaga gctttctccc	180
gtattggctc tcttgccaat caagtcagat tccaagctac acgaacaatt ctatcaacaa	240
gacagctcat gactagcacc atggctcccg acaagtatcg taacctctcc caggcgccgc	300
ctctgttcac cgccaccccc gagtcgattg ctgccgacac caagaagctc tgcgatgcta	360
ctaaggatgc gctggactct gttgctgcca atgtcaccgc agataaggcc tctttcgcca	420
acgtccttga gcctatcttc atagatgaga atttggtctg cactcagcgt cgcattctga	480
ccttctacca ccatgttttc accaacaagg agctccgtga tgcttctacc ggtccgaga	540
gagtccttcaa tgacttcggt atcgagtgtg acatgcgaga aggatatntt caacggccgn	600
ggatgcnngt ttcgccaacc gagcat	626

<210> 1007
 <211> 422
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 1007	
ggaaaggaca atggcattcc tgacttctac cctcaaaaact ctactcttgc acacgcagct	60
cagcatatcc tctatatcgg caacctcatt ggatatgac acgtcgggtat tggcaccgac	120
tttjacggca ttcggtcagt gcctaagggt cttyaagacg ttaccaagta ccccgatttg	180
atcgcanaat tgcttcgaca gggcgtcagt aatgttgacg cagctaagggt ttttgggggt	240
aatctgctgc gagtatggaa agaagtaaac actgttgcaa gctcagctac aggccaaggg	300
acagctgcgg ctagaagatg atctgccaag atgaaattcg aggaggcaaa acangcgtct	360
gtggaggggtg cgtaaaactt atagtaccgc gattaataac accgctccgg agtttgtttc	420

<210> 1008
 <211> 628
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 1008
 ctccggttcgt ccttgaaagg caacttctca cgagcaaaga tggagaagcc tcaaaagatt 60
 gttgttggtg gggtgggtcc tgttgggtct ctggcagctt tatatgctgc tcaacgagga 120
 catgagggtg aagtttatga gttggagact gaacctcggg atcccagcac tatcccgctc 180
 aucttcacca aatccatcaa cctggccatt tctgagcgcg gaatcaatgc tatggcccat 240
 gctggccagc caggacttct cgatcatgtc atgtccacaa cgattcccat gagaggacgc 300
 atgattcatg gcaggagtcc aaccggagct cattttgaac agtctcaaga ctacgatgtt 360
 aagggacggg caatccatgc cattgatcgt gcangcctga ataagcgact gcttgatatt 420
 ctggacaaca tgcccaatgt caagctgttc ttcaaccaca agctcacagg cgcaaactat 480
 cgcgcttgca aggcttggtt tgaggcactg acngaaaagc gtccaaagag tctcgtttca 540
 angagattga tatatccttt gatctcatga tnggcgctga cngggcccat tctggttggtc 600
 gctcccttta tgaagttacc cggatgaa 628

<210> 1009
 <211> 588
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 1009
 tatatatctt gcaactaact gctgagaaag caaaagggaa aatgatggaa tacatcgaat 60
 tgccaaaaat tgagctccat gcacacttga ctggaagcat ctcacgccag gctctccacg 120
 aaatatggct tcgcaagaag gagacgggag atactgatct tgatgatcct ctggttggtca 180
 tgccagaagg taagcacgac tataacttgc aaaccttctt cccactcttc agcagttata 240
 tatacaacct catcactgac gaggaatctg ttcgctatac tacgaaatct gttctaactg 300
 atttcccttaa cgatggcgta tggtatctcg agcttcgaat gacaccccgc agcacccttc 360
 aattctcagc aqaqcaatac atcgcaactc ttatagacg aatctcacta ttcgagtcta 420
 aaagtcccca gctacacacc cgccttatcc tatccattga ccggagacat acccttgaa 480
 aagcaacttc tacactcaag ctcgccctga aataccgcaa tcaaggagtt gtcggtctcn 540
 aactctgtgg tgacccaaca gcccgaccca acgggcgata taagtgtc 588

<210> 1010
 <211> 559
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 1010
 agcagccbag cgcgcgaaaa gtcccccta gcattctgtc gtgttcaage ctctcctaaa 60
 totccaaatt ctacgcttcg ctacatcttc aggcgtcact ttgactttgt gtgtgctcga 120

cttgtcctgt	gttgcttcga	gtccagtcct	tctttctttc	ttagaatatc	ttttgacgtt	180
cccaagcttc	aactcttata	tacctgctta	atttaacaag	tgtcgccgaa	attactcaag	240
atggccgccg	ctcctcccaa	cactatttac	cccagagagcc	atgtcggttt	cgacagcatc	300
acttctcaga	ttgagaagaa	netcttgaag	cgtggtctcc	agttcaacgt	tatctgcgtt	360
ggccaaactg	gtatgggcaa	gtcgacgtc	atcaacacca	tcttcgcttc	tcacctgac	420
gactccaagg	gttgcttcca	acccgaagaa	cccatccgc	cagaacaccg	aaatcaggcg	480
tttctcacac	attgaagaaa	acgggttcga	cttcaatcac	atgtagatac	cccgttacgt	540
gattctcaca	acacgtgt					559

<210> 1011
 <211> 630
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 1011						
ttaataactca	attggcaaact	gagtcacttc	tcttcaatca	tgccgtctcc	acgacatata	60
gctgcagctt	tggttgctac	tgcgacaact	gcacagctc	tctatgtcaa	tggtactggt	120
gttgcacctt	gcgattcgcc	aatttactgc	catggagata	tccttgagca	ggtcgaactc	180
gctcgacctt	ttagcgactc	caagaccttt	gtcgatatgc	cagctattcg	ccctctaagc	240
gacatccagg	aagcttttga	caaactcgag	aagcctctcc	gcaacaattc	tgcccttgct	300
gactttctcg	atgaaaactt	tgaccatgct	ggcaatgagc	tggaagaggt	atctagagac	360
gatctcgata	ctgaccctaa	attcctcgac	aacatcaacg	acactgtcat	cagagaattc	420
actgaaaagg	gtattgacat	ttggcctgat	ctgcccgtcg	atccaccaag	acgccaaaaa	480
ctgtcagatt	gcccaacagc	ttnatcccg	caaccgtttt	ttgcgttgca	gngngncgat	540
tcgngaccc	tactattggg	attcttactg	ggatcattct	gggtctctcn	cgaaccggng	600
gttttttatt	ggaatcgcca	aaaacacaat				630

<210> 1012
 <211> 687
 <212> DNA
 <213> *Fusarium venenatum*

<400> 1012						
ccaaaaagag	gtccctttta	aacttgagct	ccaaccctcc	tttctacaac	ccccgcgact	60
ttgactttga	ctcaattcga	cgaattcgtc	ttctttcctc	cacgacattg	ccttctctcc	120
ttacgcgaac	gtacttttaa	tatctctacc	cgtttcttcc	actaccaaac	atgtccgacc	180
aggttcaaga	gactctcgag	gttccctccg	agttcgtcag	agacggtgtt	caattcgtgc	240
gacgatgcac	taagcccgac	cagaaggagt	tcctgcgact	ctgccaaagc	ggtggagttg	300
gtttcctcat	catggggccg	gtcggctacg	ttgtcaagct	ggttcacatt	cctctcaacc	360
acgccctcgt	cggtagcgca	taaacactca	cgcgatcggt	aatgacgaga	ttctggatgg	420
tgggcgacttg	ataatccaaa	aaccgcgaag	acgggaacga	ggacaatcac	acaacctttc	480
ttgcttgogg	gtatgcttaa	aggggcggag	ttacatgaca	ttatggcggg	cacgcgacac	540
acttctacgc	tgaattcgac	cgagcgccat	aggagatgag	aggatgtgtt	ttcacgtcca	600
aqcgcgtgtt	tgtatgggtt	gagaaatacc	catgagaaaa	acggctacag	tgattaattg	660
tacaaatata	tccattgtta	ttctcgtg				687

<210> 1013
 <211> 685
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(685)
 <223> n = A,T,C or G


```

<400> 1013
gctgtcatca cccctacat ggttggtgag atcacgaggc aatctcttct ctcttcccc 60
ctcatctctc tccccctctc tctcacatc aacaacaact atttattacc ccttctgcc 120
tggccagaac taaaacaaac cagccacaca acaataacaa caacaaaatg ggtgttgaag 180
actcacacac cgacgagcga cacggtctg tcgctctcca aactgccgag aatgtcgagc 240
agatcgaggc tcccatcacc tggaaggctt acctcctgtg cgcttcgct tcttctgggtg 300
gtatcttctt cggttatgat tccggttaca tcaacggtgt caacggctcc gactacttca 360
tcagacaggt cgagggtgcc aatgctacca agctctccga gagcaaccag tctctcattg 420
tctctattct ctcttgcggt acctctctcg gtgccctgat cgctgggtgat cttgccgacc 480
gcatgggtcg caagtggact gtcattatgg gctgtgctat ctactctatc ggtgtcgcta 540
tccaaatgat cactggtcac ggtgatctc ttgcttgcac cgttgttggg cgtctcattg 600
ctgggtctggg tgtcgggttc aattccctat cgcattttct aactgtccga aattgcccان 660
aatntccttg tgcctcttgc cgtta 685

```

```

<210> 1014
<211> 445
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

```

```

<400> 1014
cttgggtgctc agattcggea tccagctctg ctcaccatca cactcactca ctcaccgagc 60
ccgaccttac ttaaagcact actttcatatc acaaagatgg ccgacgcggg aaaaanaacct 120
catcatgtgt cggagcctct cgaccttgct cgacttcttc tcaacgaggt tgtctttgtc 180
aagcttcgag gagaccgaga actcaaggga aagctacatg cttacgacag ccattgcaac 240
ctgggtgctag gagaggctga ggagactatc tacactgnng atgaggatga tgacgacgat 300
gagctcaaga ccacagccc ggaaatccga gatgctnttt gtgagaggng acagtgttgt 360
cttgatctcc ctggagttcc ttttaaaaca aataaggaac atgcgcgtca taggggtata 420
tagccattaa tacaaaaaaa agatt 445

```

```

<210> 1015
<211> 638
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(638)
<223> n = A,T,C or G

```

```

<400> 1015
ctgggggcta actacgtaat cttattcctg tgcctttcca actccattcg nggccacgca 60
aacctcacat ccatoacaat tegtctgctt tgaacgtgat ttctttttta agctgtgtgc 120
tggcttttato tccctctctc ttlaaactcg atcgaccag aatcatcact ggcgcaatcc 180
tgggaacaa tacccttcca tcttaagaca caatgaactt ggagcctcc cactcttttc 240
gcattgtcaa cttgggcagtc ggtgcatcg tcatcctcgg tggtatcgtg tccatcttct 300
ctttcagcct tcagcctatc atcctgggtg cttacatgat cgtcttttgg cttgttactg 360
gccttcttga gttccaaatt cccctcaag ttctctgaca tgcgtcgttc atgttctctc 420
tcacgggcgg tgggtgtcttc tacatcttcc tgggtctct gatggtgagc gacagcattc 480
ttagcaagat cgtcggcagc atcgtcggta tcactgggat tgcctacgtc gctctcgagt 540
tggttccctt cctcgagccc cctgcacaca tgcgcgaagg cgaacacact ggttggggtg 600
cggancaggt ctaaaaagtc aatagcagta tgtccac 638

```

```

<210> 1016
<211> 621

```

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

```
<400> 1016
gctcattttc aacttgacct tatacgttct ttaattttt ttattctcgt ttagtcaac      60
catgttgtct cttaaatacg tgtcagcctc gctgatagcg gccctgagcc tgagcgctgg      120
cgcgtctgca gccagtagct cgggtcttgt agcctcgacc tatttcgctg gcttccatgc      180
caaccgaggg ttccttgtct cggctatgcc atgggataaa tacaccgacg ccaagtactc      240
ttttgctgag atcactgaag acggtggact tgatctatcc cagtctcagc ctgaagagct      300
tagctgcttt gtcactgcgc ccaagaagaa cggagtcaag gcgcttgtct ccatcggcgg      360
cgggacaggg gccaggtaac tctctacca a tttggcaat gagaagaacc gcacagcttt      420
tgtaagaca tgtgtagaat ttgtcaagga gcatgacttg gatggctctg attttgattg      480
ggagtatccc aacagacagg gccttggttg caacaccatc aacgacaatg acacagccaa      540
ctttttggag tttttgaang agcttcgtca ggacctgtt ggaaagggtc tctatctgac      600
cgctgctage tctctgggtc n                                           621
```

<210> 1017
<211> 622
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = A,T,C or G

```
<400> 1017
gcccaatata ccttttgaaa ggtgacaagc tcgacaagac caaggccatc atcccgggaa      60
tcacacacac ttatgtatac gaatcagggc cttatttcgg tgcaagcttt cagatacacg      120
ctgaggactt cagactcgtc tcaactaaacc acctgtacaa aggccgaaaag atttggattg      180
tggtcctctc tacagctgtc gacgttgctg aagaggctct tggtcgaaaag ggcaaagtgt      240
cccagttcat gcgacatcga gctgagttct tctttcctca aaagcttgaa aagttgggca      300
tacccttcog catcatcgac caacgtcctg gtgagaccat agtgattctg cgggacgcac      360
atcatgaagg attcagcact ggatacagca tcgctgaggc caaaaactat gcggataaat      420
gttggactac cgaacacatac caggaatgtg aaagtcaaa tgtaagcttg ccacaatgat      480
tcttgccgat ttaatgcggc ccttgaagga tgggagaggc tcancttgga cctttgttcg      540
ggtttcgaat tacttgncca aaagaaaaca accaccgggc aacgccacca acaacaaccg      600
gcatntggga atatqaaaaa ga                                           622
```

<210> 1018
<211> 629
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

```
<400> 1018
cccaaatteg tccctctctc cctatactca acacgcctcg ataatgtttt gactacatca      60
acaccaccaa tctntatttc tcaaaaccat cctcnaaac accgnaaaaa tgccaaagcg      120
tgctgcctac cggaaaagcg gctaccagaa ccaccaagcg tgccaagang ggtaagtoga      180
agcatctccc acgctcgtgt ttgcaatcac actctntatt gtgcctttgc atcgacacag      240
ttgcqatctt ctccgacgca acaaacacaa ctaacttnaa tagaccccaa cgcceccaaag      300
```

cgtggtctct	cagcctacat	gttcttcgcc	aacgagcagc	gtgagaacgt	ccgtgaggan	360
aaccctggta	tntntttcgg	caggtcggca	agctcctcgg	tgagcgatgg	aaggcctcaa	420
cgagaagcag	cgtgctctta	tgaggccaan	gntgccgcgg	ataaaaaacga	tacgangatg	480
aaaagcaggc	ttacaacgcc	caccaagang	angaagagtc	tttctaaaaa	aaagtnttcg	540
attttaaacc	caagcgtnnc	tcgcaaaagg	ggaaatntga	ttcggatanc	ccaaccccn	600
ggccgggttg	gaaattntgg	ccaagaaat				629

<210> 1019
 <211> 587
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 1019						
caatacacac	caaatacaan	tggcatcccg	tcgcaccttc	atatacctcag	ctttgcgcgc	60
ctcagttgcc	gtccgacccg	cgcggcctat	cttcaccatc	gcagcccgcga	cagcanggcc	120
atctctggca	tcacgagcat	ttgcnccctt	tgctaagtcg	ttgcgaagct	atagcgtcaa	180
ggaagaacca	acaaaagact	ttaagaaatg	ggaattcgag	gaattgaaaa	aacttgtgga	240
agatggcact	catgaagata	taatacttgt	tgatgtccga	gaaccgtacg	agctcttcga	300
gacaggcaaa	attcccggcg	cgatcaatat	ccccatcaca	acagcagtcg	agagtttcca	360
tatcccggag	gaggactttg	aggagatgta	cggtctcgag	agaccttcaa	aggacaaaga	420
gctattgttt	tactgcaaag	ctggcgcttcg	cgcaaagtcg	gccgcgcatt	tggctganca	480
tgctggctgg	aaaaaagtga	gcgattatcc	cgggagctgg	ttaanattgg	ggcggcncaa	540
aacnggcctg	ttgaaaagtg	tcaagccggt	cttanggatc	aaattgc		587

<210> 1020
 <211> 581
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 1020						
gtcgagttaa	tcggagcgtc	gcgatgaaag	ctgtgacaga	aatcgacatc	atggctggcc	60
aagggttcac	cgtattttcaa	gaaacccttc	gcatgtttta	gtgtttaaac	tggattgctt	120
attgctcgtg	tgggcattta	tagccgggtc	cttcaaggac	atggaccagt	ctgccacgac	180
agccgcattt	gtctccggaa	tgaagggaaga	tctgaatctc	tacggcaatg	aacttgtnga	240
gtttacgaca	tattttctcca	ttggctatgc	gatctttatc	gttccatcgc	aactcatcca	300
aaactcgagtc	cgaccatcta	tcttcctacc	agtttgtgaa	attatatggg	gtctttttac	360
actcttcacc	tacaaagccc	caaatagccaa	aatcatctat	gcgctgagat	tcttctgggc	420
gtattganto	tacatcgtgg	cctgggtattg	ttaacccgat	ctttaattgg	tatcgtcccg	480
aaaaactgga	aagcgggtggc	cattttccgtg	tcacgggggt	acaggaaaat	tttctcggct	540
cttccactgc	ctctcaggaa	cccaacgaat	cccggtcttc	t		581

<210> 1021
 <211> 570
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

```

<400> 1021
caccanacnt gccctccttt ttttcctcgt taaggggattt aaattgtact cattccaatt 60
acaagaccca aaagagccct gtatcagtat ttattgtcac tacctccccg tgcggggatt 120
gggtaatttg cgcgcctgct gccctccttg gatgtagtag ccgtttctca ggctccttct 180
ccgggggtcga gccctaacct tccgttacct gttgcaacca tgtttggcca ataccctaac 240
atcgaaagt gtaggggaag aaatttgaat gaaccatcgc cggcacaagg ccatgcgatt 300
cgaggagtta tcatgaatca ccagtgaagg ccgaagggca ttgggttttta atctaataaa 360
tacatccctt ccgaagtgcg gattttttagc atgtatttagc tctagaatta ccacggttat 420
ccaagtagta aggtactatc aaataaacga taacttatat aatgagccat tcgcagtttc 480
gctgtataat tgcttatact tagacatgca tggcttaatc tttgagacaa gcatatgact 540
actggcagat atgcaaccag gtaactttcg 570

```

<210> 1022

<211> 597

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (597)

<223> n = A,T,C or G

```

<400> 1022
cagatgttca atataacaca aagcatcctg tatatccggt ccttcaacga attggcaaag 60
aaattacaca tcaagtcaaa ccaaaagccg ttggtgtctt ctccggcacat tggatgggag 120
aagaggacac catccatgtc aacaatgcag ttgatactga cctaactctat gatttctatg 180
gcttccctga tcattttttac aaagctcagt atccaaacaa aggaagcccc gagcttgcca 240
gtaagatcat ggtgatgctt tcagaggccg gaattcagtc ctatggaatg aaacgtggcc 300
tagatcatgg cgtgttctct ggcttccacg ttgcttttaa cctgaagcg aatcctctaa 360
actcccgtg gttcagggtc ctttatttaa gagtgaacc tcatgctcat tatgcccttg 420
gccgcgtgt gtctgcctta ggaacaagga acgtcataat cgtgctggaa ttcgtaacaa 480
cttgcaaaact cacacatgtt aangtaccag aacctccata cntgtgatc acaccctaaa 540
nagtgcgagc gaccgatctg cagaaaaagc gcgttcanaa gaacaaaaac ccttct 597

```

<210> 1023

<211> 602

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (602)

<223> n = A,T,C or G

```

<400> 1023
gatgaagttc gctcggcat cttttctcct attttaatgt caattgcgct gtcgcttcag 60
tctctcactt gatctgcaac ataattcttt cgaataatat acacatacac atacacaatg 120
gctgctgaac gtattggctn tattatcaag cactggccc ctgggtcagc gcttaacagc 180
atccagttca agaaccgga cgatattgtt ctgacccctg ccgtaccaa accactcaca 240
aaggccaaga aggggtggctt caaggacaca tgccttgaat atatgctcta tgccttcctg 300
aagggaagtc gagaagatc aaaccttgac cctgaccttg ttgaggatat ttgccttggg 360
aacgtctntg atgccaagga tgccatacaag gttcgogcct ctgctctcgc cgttggtttc 420
ccaacacccg cgggcttct catnaaccga ttntgctct ccggtcttaa ngccccgcgc 480
attccctctt catctcaatg gcttcactna aacgggtttg catgggcgcg aanaaaaaaa 540
catttguggjg accctctcan aagcctttta agaaggcgtt cattaaaaaa ccaagaagntn 600
tt 602

```

<210> 1024

<211> 663

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(663)
<223> n = A,T,C or G

<400> 1024
atttcgacga cgacaacctc aagcttcatt ctccccggtc aatttttcacg ccaaatacctc 60
aatcacaatg tctaccgccc aggagctctc caacatttcc caggacctga tctgggagat 120
cgtccgtgac aacaactgct tctccgcca gagcaagaag aacgggtggtg ttcagttctc 180
ccgagacccc ctcaacctga ccaacaagag ctcccgaaag cacgccggct tcgtcaacga 240
caaggccgctc ggtatctctg ctggtgagaa gggcgccgtt gttgtcacca ccaagaaggc 300
tcagcccaac aagcccgccg agaacctcac caagacttct tacagcggtt ccaagagcaa 360
ccgcaagacc taccaggcgg ttgccaacca ggtcgccaaq aactcttacc gcgctgacct 420
ccgctccgct gctgttgagc gtgcttctgc catnaagaag tccaacaagc ccgtcaagcc 480
cgagcctgag cagaacctnc gtggcaacaa ggccaanaan gccgttgccg ccgncgctct 540
gaggagaact aagctttacg atgcaaacat agaaatgggg gttgtgaata aggcctatagg 600
atgaactagg gaggttaagc gcatagctta cacctgatga gaaaagggat catcagaatg 660
ggc 663

<210> 1025
<211> 600
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 1025
ggcaccgcct tgagtggcga cggatttgat ctctcagcct ttgcgcaaaa ggttggaact 60
gagaatgggtg aactatcgac atttcgagct ttccagtcac ggggggcaac cttactacgg 120
anaattagac gctttttccaa ggaaggctac ttccctgatg tgactgtgtt ggaggagtgt 180
gtgaaancca acgtcggcga tctcacattc gaggaagcct ataatcgaag caagaggggtg 240
ttaaacatta cggttgcaac agaggggtcaa ggaggtgtgc cgacnctact caactatctc 300
accgcaccta atgtgttgat ttggacagct gctgtggcgt nnaatgcctc atcgcttctn 360
ctctatggcc accggaaaac aaccatgctc tgcaaagacg ctcatggtaa catcgtaact 420
tgggcccggc caatactatc naactttcgac actggacnca cacattatac tcggatcgag 480
actaacctnt aanggcgtat cgntgaactt ttcaacggca accacttttn ttgtcaggca 540
aqcccggnca ttccctatcc cctttatcca ntcccathtt gcatggcccg ccttggtaga 600

<210> 1026
<211> 812
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(812)
<223> n = A,T,C or G

<400> 1026
gtgcattttr ttcttgctct ttataaacca caaccggaqt cagattatctg atcgattggc 60
ctgttcgaat agaccgagta ggtctgggaa aggaagaaag gtccggacat atcgacgagt 120
ttgcgcggca ctttcggctc ggacaattga aagccgcatt ttcccttag gcccttcttt 180
gttatcttga gcatcaactc aaacgtcgac atcgctcatcg ttttcgtccg cagcgaccac 240
ccgtggggcg aacgcaacaa acttgaagaa aaaaaaaccc gaaatctccg ttccctcata 300

gccccgtagc	cgactcgaca	cctgtcacga	atcgatcgcc	gtcgacttta	caacccaatc	360
acccccgat	ccctccagtt	cgccaatctn	gggggcccgc	aaanccaacc	ttcgggggaa	420
catcggaagc	tggtggcccc	catggcccc	caatttgcag	acccttcgag	gaatacaact	480
ttgattcttt	gcccggccaa	ttctcattgt	tgcaaaatnt	ggccgcaggc	gcctttgctg	540
gtntagcaaa	acacactgcc	atgtttccca	tcgatgcgat	caagacnaga	atgcagattc	600
tgaaccccag	caccacaccc	gcctactcgg	gagtcattcg	caacactggt	caaatcgccc	660
anaccgangg	tttcttcagc	ttatggcgcg	gaatgtctan	tgatcatggt	ggcgaggaa	720
ctgcacatgc	cgtttacttt	gcgacttaag	aagcagttaa	gcgatgccatg	ggtggtaacc	780
aaactggtgt	tcaccancct	ctcgtgctgt	ct			812

<210> 1027
 <211> 612
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 1027						
atcctcaaaa	atgtctgccc	tcttcactct	ccctatcgcg	cagtgtggcg	ctcaccctgg	60
cggtaccctc	acttgtaactg	agccctcacc	aagagtctac	ctgctcacc	tcgtatcgcc	120
ccccgacaa	cgtctcacia	cgccctgtcc	caatgccttt	ctcaacgcgc	tagacataat	180
cgagtttgga	taccctcagc	gtgttggtgc	aacaacatca	ggaattcaaa	agttctacag	240
caatgggctt	gatcttgaac	atgctgttgc	tactgaaggt	ttctggcatt	tgctgtataa	300
tggttggaac	cgtctcttga	cataccccc	gcctacagtg	gctcttatga	acggtcacgc	360
ctttgcaggc	ggctctcatgc	tcgccacatc	tcaagactac	cgtttggtct	cctctccacg	420
cggtctcctt	tgctctcaacg	aacttgctct	cggtgctcct	ctcaagcccg	ccatgtcagc	480
tctgttccgc	gtcaagtaac	cccacgcaac	gtatgcgagc	cttgttcttg	aagccaaacg	540
cttctcaggc	gaagatgctg	tggcaagccg	gtattgcoga	caatattgcg	cccccaaggc	600
tggaagacct	tn					612

<210> 1028
 <211> 597
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(597)
 <223> n = A,T,C or G

<400> 1028						
ganttttttt	tttttttttt	tttngatcat	atcaaatgta	tnggggaata	tacaaaaaga	60
tacccaaact	ccggtatatg	cttttccttc	tcttaacggg	tttaanggaa	ctgnccctcg	120
gtattaccct	cgcccatact	cttgctgntc	gaacttcac	tctggatagc	accaggatg	180
ccatcaatat	aactngcgcc	gctccacttn	tgangcgtna	aaacatcaca	cttnaagtec	240
ttctccqac	qctgaacaat	atnaacatac	gccttnatac	cgtncctttt	gaactccgcn	300
ttaggcaatt	gtgatgggtg	cggtggagtg	caaacccctc	ccncaatgag	ctacacacna	360
ttcccttttt	tgcgaatggc	aaangaatga	cttgnngggg	tcctcccgga	ttccgggggc	420
ttcccanttg	aatgnngggg	gaggtgtccc	naaaccttgg	cgggaaaacc	tgnggacggg	480
ggggcctaan	ttggatcttc	tggaaatngg	ggccctgttt	caccaaagga	atcccttttg	540
gaccnatgca	aaaccccttg	gtaccctttt	nttcggcgcg	gannggaaaa	ccttcng	597

<210> 1029
 <211> 502
 <212> DNA
 <213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(502)

<223> n = A,T,C or G

<400> 1029

nagaagggtt	ttggagcgct	catgtcttct	tgggctgagg	atatngctga	gcagatgccc	60
aagctggctg	agcaagcaga	gaaggagggt	gctgatttcg	ctgggtggngg	ngttgctgct	120
acttntggcg	agaagctcgc	tgagctcgtc	aagcgaacat	atggcgagtt	tggtgacgat	180
attggntgct	ttgtgctctt	cttcctnaac	tttgtaacac	ttgacccggc	gaggncctgt	240
tcctggcgcc	gacgacatca	cgctacatt	ttcgnggaca	tcatggagtg	gcatggntgc	300
atcngacaat	ggtgtccgcg	ccgnttnaca	cccaaagtca	angacngtc	tactcttggn	360
gacatgctaa	cctacaactt	tgntccatcg	agggacaaaa	aganganacc	caaagaatta	420
cccttacgca	anaattaacc	ggacaaagnt	acaattccgg	ttaaaaagtt	gtttanacna	480
cccccgaccg	aggaattaac	gt				502

<210> 1030

<211> 705

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 1030

ggatctcttc	cactcaacta	tgctcgagaag	cttaccgata	ctactgcgga	tgagctgcag	60
cgcgaggctc	agatggaggg	cgagggtgtt	gctgagatca	agaacgttga	gaaacttctc	120
acattgtctc	gcacctccaa	cactgcgccc	agagaagagg	ataatgagga	gatttccaag	180
ctgtatcacc	agacacttgc	tattcgacca	aaactcatca	agttgatcga	aaagtattct	240
cagaagaaaag	acgacttcac	acaattgaat	gaaaagttca	tcaaagctcg	acgagactac	300
gaagctttgt	tggagtcttc	catggcccat	cctcctcagc	acaactacca	acagtatgcc	360
atgcgcccag	ctcctggaca	angttatcct	caggctggcg	gatatcctcc	ccaaggagca	420
ccgcctcagg	atccatcacg	gtactacaca	cctggccctg	gangagcagc	ctccatacca	480
ggcctcatcc	cctccoctaa	cttcacagaac	caaccccaag	gtcnaccagc	tcctttttac	540
gtancaggac	tgaantgcgg	ctggctccaa	cctatcccct	agaaatgaat	ctccttccac	600
ggcnaacagc	cgccctatca	acacatcgac	actggccgaa	ctcaacctta	catcatctca	660
gacacacnt	ntgggtcaacn	ctatnggagg	tgactgnaac	ncttt		705

<210> 1031

<211> 597

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(597)

<223> n = A,T,C or G

<400> 1031

agtaatcacc	tccagggcgg	tgggtggcgt	cctcacaggg	taagctttcg	gtatctatac	60
cattcggtgg	tatctcaatt	cgctctccct	agtcnaagag	cgtcgggcgg	ccctgcacga	120
tcctgtcgag	agcgacgaaa	gggatgttga	cgaagacnat	actgtgctcg	acctgcacc	180
caattggggt	aacgggcggg	cgcccgatcg	caagcaaggg	ttgaaggctg	ccgatgagga	240
gaagaaggag	cctgttgata	aggataaacg	cgaggagttc	aagcttgctc	ttgtcgtggg	300
aacagatctc	ggcatgacaa	agggcaaaaat	cgtgtctcaa	tgctcccatg	ctaccctcgc	360
atgctacaag	tctctcgtcc	ggctcccgcc	caactctccc	caagcccaga	tcctcaagcg	420
atgggagcgt	ctcggcacag	ccaagatcgc	tgtgcaagtc	aaganccagg	acaaaatcct	480
cgagctccga	cgcaaggcac	gatctctggg	tcttactgct	gaagtgatec	aggacctggc	540

cgaacacaga tcgaagcngg tagcatgacg gtctgggcgt tggactgctc cncacc

597

<210> 1032

<211> 589

<212> DNA

<213> *Fusarium venenatum*

<400> 1032

cgtcaagtcg	acaaacctgt	ctctacaaga	tcacagagca	ccaggattgg	gataccgact	60
cttgcaactg	gaccagaaca	cgccgcaagc	cgaccttgaa	aagaccaccg	aggaagctta	120
cacaatacga	cgctatctta	gtggcattcc	cgaaggacaa	gatgagatct	cgaaagagca	180
tgtctttcca	caggaaacaa	atatggatat	catgcacggc	attgacttcc	acaagggttg	240
ttatgtcggc	caggaaactca	caattcgcac	aagacaccgc	ggtgtagttc	gcaagcgaat	300
tctgccatgt	gtagtctacg	agaaggaaca	tgcaccccca	acaacactgc	aataccacgc	360
cgacggcgca	gcctcatctc	tcgaaagcgt	gaccgcggac	atgataccgc	ggggacacaa	420
gcattggacg	gttcgagaag	cgaagacgca	gcgttgccaa	gtggctcaag	ggcgtgggca	480
acattggact	tgggttctgt	cgctcggaga	acatgactga	cggtacctgc	cgggcgtatg	540
ggcatcaggg	gcattcaacc	ccgaagacaa	ttcctgctgg	aattggggg		589

<210> 1033

<211> 647

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(647)

<223> n = A,T,C or G

<400> 1033

gtcgcattta	aaacctcggt	tgtttctccc	cagggttttct	taaccttttc	attatcgtat	60
actcttaatt	tgattttaca	cattaatctc	aactcgtatc	agcagccatg	cctctcaaga	120
acgacaagtt	ccccgcctcg	gcgccttcg	acgccattca	agaggctatc	aacgccagcg	180
atgccgatcg	caaggacgcc	atcaagcagg	gtaacggtgt	ctacgccttt	accctcaaga	240
acgcgagcgg	cgacgaggcc	agctggcata	ttgacctcaa	ggagaccgga	aagggttgca	300
ctggcaccgg	cgaaaagccc	gacgtcacc	tcctctctc	cgaagagaac	tttggcaagc	360
tcgtcgtctg	caaggccaat	gcccagcgtc	tctttatggg	cggcaagctc	aagatcaagg	420
gcaacgtcat	gaaggcgacc	aaagcttgacc	ctgtgctgaa	gaaggccag	accaaggcca	480
agctgtagtt	gaagcgtgtt	tttatatagc	attgtgcatt	attttgntgt	ttctttctgt	540
acgatatcca	tttgcctggt	gtcaatcact	ccatgcttcc	tggatgcgaa	tacatatagg	600
agtatacgcg	tcaatatcaa	ttttgatacc	tttttaaaaa	aaaaaaa		647

<210> 1034

<211> 513

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(513)

<223> n = A,T,C or G

<400> 1034

ccgaacgaat	aacacaacgc	tacagaacgc	aaagatgttg	gacattgagg	atttcattga	60
ggagcgcggt	gggaaacccc	gagaagattc	gggatagtca	gcgtcgccga	catgctcctg	120
tagagctcgt	tgaagaaagt	attgcccttt	ggcaagatgc	gagaaagacu	aglacggcgt	180
cactcagatc	ggtacacaaa	taaatggagt	ccaaaaggag	attggactcn	agaagaaggc	240
taaggaggat	gcgaccgacc	tgtccagca	gaaggaggaa	ttgacagaga	agaaaaaagt	300
ccaggaagan	ctcgtcgcgg	ccaagaagct	gagctcaagg	tcnaggccaa	gctcgtcnga	360
aactacgtcc	acgactcgt	nccgtcagcg	agaacgaaga	cacnaccn	tcgagagaac	420

ctggg'gcgcg agactttgac aagaacaagc aagccgctct ctcccaccac aatnntcct 480
gcgacttggg agatacaacc cgtccgaagt gtc 513

<210> 1035
<211> 579
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 1035
ctctattctc tttctttctt ctcccctqcg atctagangg cgaagggttc aataaagaaa 60
aagaaagqaa aangacaact ccacagtatt agaaaatgga acgctctgaa ttgggaattc 120
tcgcaagcaa aacccctggc gcttcngaa cugcaaaaagg aaccttctct ctgggaacag 180
ttgggaagga aatcgacacn ggtcttgaat tggccaaact ttttgacatt gtcaagggtc 240
gactccaaac atcaaaccaa tactcctcgc ctatcaatgc tgcacacacc atctacaana 300
acaaaggcgc tctagccttc tacaagggaa cactcacgcc tctcatcngt atcggcgctt 360
gcgtttccgt ccattcgggtg ccttcaacgc tgcgaancgc tggttccagg aacgcaacaa 420
tggggctgaa ctttcttate ccaatacggg gcgcgaggta ccttcnctgg tatctccaac 480
tcattctctc tggaccacat aacacatcgt atccgtctca nantcaactc acgggcccgt 540
ccttgttcna cggactggcg antgctcccc aacttgacc 579

<210> 1036
<211> 991
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(991)
<223> n = A,T,C or G

<400> 1036
ctcgtctttc ttatcaatac ctgnaaaagc cgggtctaca atcttgactt tgttctctct 60
acccatttaa tctctgctt gtcttttana acatcaacaa aaattctcta ttaatagtat 120
cggcgcggtc aattaacgcg gcgaagagta cacaatgacc gttattgaag gaaacgttag 180
gccaacgctg ctgcgacgcg cagagcatga cgaagataag tctttgattg anaacgtctt 240
ggacgttaac gagctcaagg ttctaggaac agatatcttc acaaacacac atcctcaatg 300
gggtccccc ctgagcccggtg gtatttatgg cggcgccgct atcgcccaat gccttgccgc 360
tgcgcaaaag acagttccag agacattctt ggngcactcc ctccactgtt attttctcct 420
tgntggctcg tccgagaccc caatcctcta ccacgttgag cgggtacgcg atggccgctc 480
atatgcgaca cgcacgggtc aggcacgaca gaaggcgcca tgcattctta ccaccactat 540
cagctttggt ggcgcagggt agtccagaca agaancagcg ggaggtgaag ccatgcggcg 600
acccctccag anaacgtaac tgcncgcgcg gatgattggg gacggcgagc cagagtgggc 660
aaggqacggg accctttcag agtcacagaa ttgaagtgtt gggttccaat gacctgaan 720
ttaaqccaca gggacgcgaa gaacagacag tgggtgcgat cgcgacaaaa gatctcnct 780
gtaggggggc accaagcaca tctaaagctt tttagcctca tctcgaatan ctactttatc 840
gggaacgtct ccgcctccca tggcctatgg cgttcccat tctccctga agaagtcct 900
ccctngatga naaaaacccc gaaaangtcc agganatttc naatttnaaa gcattgggtt 960
cnccttgaa gactggaana aaaaaaatch c 991

<210> 1037
<211> 581
<212> DNA
<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

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<400> 1037
ctcacttaac ccaccgaacc cccgggtccg atccacggct tccagctccg gacctctcc 60
cgatcagcgc cttgactttt tccgggtggt ctgataaagc agtccaacaa ttcaaagatc 120
atggcaacgc aactcattgc tctgccggcc gtaaaacgct tcagtcctac ttgcatacgc 180
atactgggcg gcaatccagg aaaattcact cttcaaggta caaacactta cttctctggc 240
acaggccgaa gtcgactcct cattgacacg ggtgaggggc gcaaggcttg gatcacttcg 300
gttcgcgaga tactgcagca ggaaaatgca accatcgcca ctgccttaat cagcgattgg 360
catcatgacc ataccggcgg tattaagaa ctctgagta cctctcctca ggcgagaatc 420
tacaagcaca ctcccgacga cggacagctc gacataaagc acggtcagcg ctttgaaatc 480
gaaggcgcga acttgacagc tgtntatacg ccagganaca ccagcgatca tgtcgtgttc 540
glgtttaang aagaaaaaac aatgtttact gctgacaatg t 581
```

<210> 1038
 <211> 564
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

```
<400> 1038
atcccatcat ctccaccttc tgaatcgaaa cagatcaacc tctgttttct ctaccttttt 60
ttatctccca agtacaatca ctcaaccaag tcatcatggt caactgggct aagcaacaac 120
tggccaatgt cgcgggcact caggagccca tttaacggtc ctctgccatc aagtctgttg 180
ccatcgaggc cgaaaagact cctacacgc agctcaactg agatggcttg aagtgggaagg 240
ccatggactc nacctctggt gagacagaga gtttctacat ctgtgccgac aacggttaca 300
ctgtctttgc ccaggctcct tatagcaacg ttgccggcat tcgaacaacc tgccagttca 360
acgcaaagggt ctttgacaag gaccttcaa agccccacct ttgggacctc acacctntca 420
acaaccaaga ctttaacgag gacaagacga gtttctaccc cgacgactgc ccgtcgagct 480
atccgaggat ggcttacta cactatcaag agcatgaaca gccaggaagc catcgtnacc 540
tgaanacacc cgtctacccc ctgg 564
```

<210> 1039
 <211> 524
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(524)
 <223> n = A,T,C or G

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<400> 1039
ttagatntat aactnccaaag aagtaaaaaa agaatgtttc gataaaanga aacatcgact 60
tgactatcgt gatggggtag atcgagtcac tcaacctcca ccactcaaac aatttggtgt 120
tgaaagatct tgccggtccat aacagagaac catacctatt ctntttaact aaacatccat 180
gcatcgcgcg atgcgcacaaa agttggcata tgcctccaaa gtccagcgac gggacgcctt 240
aaccacagac gccatgggaa gagaagtnat gatgataaca aagctcanaa caccaagttc 300
atgaagcagc ttctgagac ctgltcaatc caataactac acacaaatgt gaagatggta 360
gcatgctgtt ttgacacag unccctacca tcccaanga ccattgtccg gttaactgtca 420
ccgaggtntg tgatgctaaa atcaccagcg canccgtccc aaagccgatg aaccaanacc 480
acgtccggat ggccanccaa tctgactgac catgcccaata cccn 524
```

<210> 1040

<211> 567
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

<400> 1040
 acacattcaa tcttgtaact gactctttcg tatcgggtcc nactgccagc aacagctttg 60
 ctttgattcg attgtgctcc gcttgcccca ctcataaata tttgatctgt gcagcaaacc 120
 aaacttgacc tcccccgcca tcaatcaatc agtccatcac cagaatcctc cctccaaac 180
 aacataacaa accttacagc tagcaaacat ggcgggataa gaccaagacc ctcacacgac 240
 acctgtcggc ccttcttacc gtactcaaca acagaagccc agtgtctacc tctctgtcga 300
 tqtcaacctc gacaatgtcc atgtttctgc ccagacccct cagctcattg cctactgtc 360
 gatgatccgt ngcaaagaga cggagcgagc agacttctac ttctactcca accgaattat 420
 tctgtctgctt gtcgangaag gtcttaacca tctgccccgt cattgagcat actgtcacta 480
 cgcctattgg tctgtacctac aatgggtctca tgttccaggg caagattgct gtgtgtctat 540
 catganaact ggtgaagcta tggacan 567

<210> 1041
 <211> 493
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 1041
 cagactatca acaatgtctg atcgtactgt tcttggtaca ggtgccactg gactcttggg 60
 tctgagaggt tctgcggctt ttggtatcaa aaattgngag gtcaaaggaa caggcttttn 120
 ccgtgcagat ggaatcagca ctctcaaagt cgacttgggc aatgagaatg aagtagcnaa 180
 ttttctagat gataccaagc ccaatgtnat antccactgc gctgcgcagn gattcccaga 240
 caaggctcag aaagaccccn gagggagcca gancactcaa tgtccctgct agcaaggcac 300
 ttgccaaact ggccgntgaa agaagatttt ntggcattta cattttactg actatgtgtt 360
 ccttggcgta cncggagatg ctccataccn anctgacctt aaccgcnact taccaacctt 420
 antggcagac taacttgatg nggacntgct gttttagaac cttttaagga ncttgtaagg 480
 aagcttgggt gtg 493

<210> 1042
 <211> 959
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(959)
 <223> n = A,T,C or G

<400> 1042
 gcctaaacta agatacaacc caattctcac tctctctcac tcttgagcgc ccatttccaa 60
 acgactttgt cctttcgcat cgtgagactg tttattcctt ttcccatcca cactctacct 120
 tcttcagacc accctctatc ctaaaacatc cgtctctga cgtagaccgc aatctatgtct 180
 caatccggag ccacgctttc tcaggaatgc attactgctt tcaacgactt gaagcttaac 240
 aagaagtaca agttcatcgt ctacaagctc tctgacgact acaaggagat tgttgctcag 300
 aaggcctcgc agagccgcga ctgggaggac ttccgtgaga cgtcgtcaa cgtaccgcgc 360
 aagagccgaa ctggtgctgt tggcaagggt ccccgttacg ccgtttacga cttcgagtag 420

aacctggcct	ctggcgatgg	tatccgaaac	aagatcacct	tcattgcctg	gtcccctgat	480
gatgctggca	tccagcccaa	gatgatctac	gcttcccca	aggaggccct	taagcgatcg	540
ctcaccggca	ttgccaccga	gttgacggcc	aatgacactg	atgacatcga	atacgacttc	600
atcctcaaga	ccgtcagcaa	gggtttgttg	cttaagcgcg	ttgtcacgaa	accgccaatc	660
gccgcccgcg	cttccttata	gaaaccgggt	ggtgatggga	tttgacatac	ctaggcgttt	720
caagagttga	gacgccaaaa	taagcaagca	atttaatgag	ttggaatggt	tagtgagtgg	780
atggaaacgg	gcgcgaggat	accatgggtt	tttcgtttct	tttggggacg	taaacnacna	840
atttgcttca	ggaagcgaaa	cgtaaattcg	cataattgcc	agccctggcc	atgtttcgtn	900
cgtaccccg	gaaaataaaa	cgcatgctgg	tatatggcaa	tcattggcat	tttattatc	959

<210> 1043
 <211> 487
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 1043	
cgacgatccc	ttctacgaaa
ggcgcnaaaac	ctacgcgcac
aaacgaaggt	tgccccaact
cgagagctgt	acatcccaag
ngtggatcgc	aaagtccagc
ctcaggacaa	ctacctgatg
ncattccacg	tgccgcacag
ccacaatnaa	tttncntntt
tggaataa	
	60
gcatcatccc	aattatgtca
ctcgatcgtc	atgacctccc
cagcattccc	cggaccanac
gctcgcaaac	ccgaccaagt
ggcatgtatg	ccatcaaagt
gacgttgagg	gacgaatata
cgatncttaa	aatacntact
ggantaaatt	gntgtgtttt
	120
gcatcatccc	aattatgtca
ctcgatcgtc	atgacctccc
cagcattccc	cggaccanac
gctcgcaaac	ccgaccaagt
ggcatgtatg	ccatcaaagt
gacgttgagg	gacgaatata
cgatncttaa	aatacntact
ggantaaatt	gntgtgtttt
	180
gcatcatccc	aattatgtca
ctcgatcgtc	atgacctccc
cagcattccc	cggaccanac
gctcgcaaac	ccgaccaagt
ggcatgtatg	ccatcaaagt
gacgttgagg	gacgaatata
cgatncttaa	aatacntact
ggantaaatt	gntgtgtttt
	240
gcatcatccc	aattatgtca
ctcgatcgtc	atgacctccc
cagcattccc	cggaccanac
gctcgcaaac	ccgaccaagt
ggcatgtatg	ccatcaaagt
gacgttgagg	gacgaatata
cgatncttaa	aatacntact
ggantaaatt	gntgtgtttt
	300
gcatcatccc	aattatgtca
ctcgatcgtc	atgacctccc
cagcattccc	cggaccanac
gctcgcaaac	ccgaccaagt
ggcatgtatg	ccatcaaagt
gacgttgagg	gacgaatata
cgatncttaa	aatacntact
ggantaaatt	gntgtgtttt
	360
gcatcatccc	aattatgtca
ctcgatcgtc	atgacctccc
cagcattccc	cggaccanac
gctcgcaaac	ccgaccaagt
ggcatgtatg	ccatcaaagt
gacgttgagg	gacgaatata
cgatncttaa	aatacntact
ggantaaatt	gntgtgtttt
	420
gcatcatccc	aattatgtca
ctcgatcgtc	atgacctccc
cagcattccc	cggaccanac
gctcgcaaac	ccgaccaagt
ggcatgtatg	ccatcaaagt
gacgttgagg	gacgaatata
cgatncttaa	aatacntact
ggantaaatt	gntgtgtttt
	480
gcatcatccc	aattatgtca
ctcgatcgtc	atgacctccc
cagcattccc	cggaccanac
gctcgcaaac	ccgaccaagt
ggcatgtatg	ccatcaaagt
gacgttgagg	gacgaatata
cgatncttaa	aatacntact
ggantaaatt	gntgtgtttt
	540

<210> 1044
 <211> 544
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 1044	
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attgtcatct	cgggcaagag
acaccactgg	ccaaggttca
tactggacaa	acgataagcg
naaaagtctg	ntggcaagcc
cgcggnggag	agctcgaccc
cuqacacag	aagctgcaga
cttttttggtg	acctggactt
aattgtgcana	tcccgaacctg
actg	
	60
cgtcagtggg	aagaccaatt
ggtagcaaga	ttcccatcgc
ctcaaggttt	atgtaacaga
aaggatccgg	gccgcaaaat
gcttactctt	tatccgatat
tgaaacagcga	caacaggccc
ccgttgagcc	actgcenaac
ggggcttggan	acctnttggg
gctaaangga	aattqaaqcc
angagctggg	actcaccctcg
	120
cgtcagtggg	aagaccaatt
ggtagcaaga	ttcccatcgc
ctcaaggttt	atgtaacaga
aaggatccgg	gccgcaaaat
gcttactctt	tatccgatat
tgaaacagcga	caacaggccc
ccgttgagcc	actgcenaac
ggggcttggan	acctnttggg
gctaaangga	aattqaaqcc
angagctggg	actcaccctcg
	180
cgtcagtggg	aagaccaatt
ggtagcaaga	ttcccatcgc
ctcaaggttt	atgtaacaga
aaggatccgg	gccgcaaaat
gcttactctt	tatccgatat
tgaaacagcga	caacaggccc
ccgttgagcc	actgcenaac
ggggcttggan	acctnttggg
gctaaangga	aattqaaqcc
angagctggg	actcaccctcg
	240
cgtcagtggg	aagaccaatt
ggtagcaaga	ttcccatcgc
ctcaaggttt	atgtaacaga
aaggatccgg	gccgcaaaat
gcttactctt	tatccgatat
tgaaacagcga	caacaggccc
ccgttgagcc	actgcenaac
ggggcttggan	acctnttggg
gctaaangga	aattqaaqcc
angagctggg	actcaccctcg
	300
cgtcagtggg	aagaccaatt
ggtagcaaga	ttcccatcgc
ctcaaggttt	atgtaacaga
aaggatccgg	gccgcaaaat
gcttactctt	tatccgatat
tgaaacagcga	caacaggccc
ccgttgagcc	actgcenaac
ggggcttggan	acctnttggg
gctaaangga	aattqaaqcc
angagctggg	actcaccctcg
	360
cgtcagtggg	aagaccaatt
ggtagcaaga	ttcccatcgc
ctcaaggttt	atgtaacaga
aaggatccgg	gccgcaaaat
gcttactctt	tatccgatat
tgaaacagcga	caacaggccc
ccgttgagcc	actgcenaac
ggggcttggan	acctnttggg
gctaaangga	aattqaaqcc
angagctggg	actcaccctcg
	420
cgtcagtggg	aagaccaatt
ggtagcaaga	ttcccatcgc
ctcaaggttt	atgtaacaga
aaggatccgg	gccgcaaaat
gcttactctt	tatccgatat
tgaaacagcga	caacaggccc
ccgttgagcc	actgcenaac
ggggcttggan	acctnttggg
gctaaangga	aattqaaqcc
angagctggg	actcaccctcg
	480
cgtcagtggg	aagaccaatt
ggtagcaaga	ttcccatcgc
ctcaaggttt	atgtaacaga
aaggatccgg	gccgcaaaat
gcttactctt	tatccgatat
tgaaacagcga	caacaggccc
ccgttgagcc	actgcenaac
ggggcttggan	acctnttggg
gctaaangga	aattqaaqcc
angagctggg	actcaccctcg
	540

<210> 1045
 <211> 585
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(585)

<223> n = A,T,C or G

<400> 1045

gtagtgcaat	atggaggcgt	tgacgccggc	accagcaatg	attggatatg	cctgagtgtg	60
agcaccaatg	ttatgccagt	gacattactc	gcactcttcc	tgtaaacggc	tttttctcaa	120
agcaagcttc	tgcaattttac	tctattgtgc	aacgcattgca	ggaagaatgc	ataacacgtg	180
tccggcccg	cactgtttac	tatgagctcc	agcttcacgc	tagcgacgtg	gctcttcaan	240
gcttgcgcaa	gctgggtctc	ttgaaaagta	gctttgacga	aatccaaaaa	gcgggtactg	300
ttgcagcttt	ctttcccccac	ggcctggggc	accatcttgg	tcttgaagtt	cacgatatca	360
ctgggtgatga	gcgcctcctc	atgcgagaca	actttcacgt	tgaagggtgga	aaacgtgaga	420
tggtgactgc	cgccccctcg	gtagctatgc	accgcattgg	ttcaacacca	ggccctacca	480
ggcccagaca	gaccttcagc	ctaacatgat	agttacaatc	ganccaggaa	tctacttctg	540
ccgtcctttc	attgaagggg	acttcttgaa	caactcgaca	catgc		585

<210> 1046

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 1046

attaactggt	gcaagggggc	ctggatat	ccagcgtttg	tgggactgct	ttgctgtgcc	60
acgaattaga	cgcgccaa	atgggtgctc	gactgtcatg	attgcccagc	agatgtgcgg	120
tatcaatatt	atttccctct	acagttctac	cattttctgc	aatgctggct	acaccgaagt	180
ccaagccctg	tatgcttcac	taggatacgg	tgctattcaa	gtcattgcaa	caatcccagc	240
gttggtttctc	atcgacacca	agggacgcag	aacgctatgt	ctcatcacct	tcccgttcat	300
gtgtgtcttc	ttgctcgctg	ctgggtctgc	tctctcfaat	catagtggca	gccgaagtgc	360
gcagattgga	cccggtgttc	tggtcgtcta	cctcttcaca	atcgccctact	ccctgggtga	420
aagtctgtgc	gcctttcfaat	actctgccga	agtattccct	actatccagc	gtgagcaggg	480
tatggcctgg	gctgtctgca	tcaacaacac	ctttgctggg	attctcggtc	tcaccttccc	540
tcgaatgant	gctgccatga	caccactgga	accttcgggt	tctacgca		588

<210> 1047

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 1047

qtqqtagtgt	taataaccaca	tgtttctttc	aaggtctctca	agagtacttc	atcttcgact	60
actctggaaa	tgaaaaactg	agagcaatat	ggagaaact	tctattcaga	ttacaggcaa	120
ttgtctttgt	catcgatagc	acagatagag	cgaacatgga	ggagactagg	gaggcgltgt	180
ggcaagta	acgagaggaa	atgcttgatc	ctcagcctgt	tctaattctt	gcaataaagc	240
aagacaatcc	taaagctatg	agtgtgcttg	aactcattga	gtgcctccga	aataanaaa	300
atcttgagaa	aactagaaaa	tgccgcatta	tcgccacgat	tlccattacc	ggtgaaagtt	360
tgctccnaag	acttgagttt	gatgcccaaca	attgtgcgtt	tccaatccct	ccnctgaga	420
aaaatgacnt	ngaagaaaaa	tccttcacaa	ttctcttatt	tctcccttgc	aattctcatl	480
gtttccggga	aaaggaaaaa	ccaaccttan	aaacaaatng	tggttccgtt	ttatactgcc	540
ccaatttaac	ttttaacnccg	ttttttctnt	ccccqanttt	taaaggcn		588

<210> 1048

<211> 487
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 1048
 cggccgcagg gaattttttt tttttttttt ttttttttta aaaaaaaata gtagttttgt 60
 atatgcttcg tcaaatagta caaattctgt acatgatact agaatacaca cgccagctgc 120
 gtccaatagg ccaccaagcc ggccaatata agttcccca atgccatttc tctatttgat 180
 cttcttttgc ttcagcttga tctgttggtc gttgatgaac acgccctttc ccttgtaagg 240
 ctccggagga cgccacatgc gaactcgccc agcgaaggac atgataacct cacggtcaac 300
 tncctnaatc aggalacgtg tagggcgagg agtcgtaacg gtgacacgcg gggggatacc 360
 ctncctngacg ggatgcgtga aacccagctt gaggcacagg aaacgctggc caggaaattc 420
 tnttttagcc ttcccgaggg tgccttntac atggttgngg acttcgcctt cgcaaggcca 480
 aggggtga 487

<210> 1049
 <211> 503
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(503)
 <223> n = A,T,C or G

<400> 1049
 cgggcttaga tctgtctoga taacaagcac taaggetcac ttttggataa ctaagtccaa 60
 gtaccctgac gacattcata cttcagccaa caaagatctc acaattcatc atgtcaaagc 120
 ttttcatcgg tggcctagca tggcacacag aggagaccac tcttcgccag aagtttgagg 180
 agtttggtcc tgtcgaagaa gctgtggtgg tcaaggaccg tgatactggt cgcagccgcg 240
 gcttcggatt tgtgcgatac acccaggagg gcgacgctca gaacgccatc gcagccatga 300
 acaatgtoga gtttgacggg cgaactatcc gagttgacaa ggcacccgac aacggccctc 360
 gaggtggttt cggtagagga ggaggtggtg gcggcggtta tggacgaaac tttggtggcc 420
 aatgccatac ggaatggccc tcttggaact gctaccaaat gcttgnccct aacatgtacg 480
 cggccatgcc ttatggtcgc gga 503

<210> 1050
 <211> 566
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(566)
 <223> n = A,T,C or G

<400> 1050
 tggagacact tcaacccccc gacgtcaatt gcttctcttc gattcaaaat gaagtactcg 60
 ctggcccccct tnatcctcgg ccggccgtgg ctggcccgnt ttttcaagcc cggcgctacc 120
 tggtaagtna agactggcgg gtaccgncag atgggcttca aatacgacga tctcctcgag 180
 gaggagaacg agactggccc ggtgtgcctc aagcgttttt ctaacccngg gtnctacgag 240
 cggcatntacc gtatccgaag tgetgnccag tgcagttacc aacacaagct ccttcccaan 300
 ggccagngga ctacctnccg nttgganaag ccttactttt nagnctttta tngaaaaggc 360
 ccccccgaga aggcccaaaa naacaagctc aattcctttg ttggcgcccg aaacactaaa 420
 attttttggc cctccgggtg ggaggacagt angaatgaag gtttggaacc nctccenggt 480

ggnggtgaaa gggaattcct cctctaaaaa aagggggctc cctcacggta aanaattccc 540
gntttttttg agacgttgge ttgctc 566

<210> 1051
<211> 633
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(633)
<223> n = A,T,C or G

<400> 1051
ccgggcgaga aaagccaact gtcaacgata cttgtgcttc gacatcgact cgactcgact 60
agacattctc cagggcgatt tgcgcaaaac attgtctcaa cttqaatagt tgctttcagc 120
gtattggaat tctctataga tagttgactt cgtgcgcttc gncgtgttg tgcgctctat 180
tagacatcat gattgaagac aagtatattg gtctggctct cggcatgaca tcggccctcg 240
ccatcggaac aagttttgtt atcacaaaaa agggattgat ccaagcagaa gagcgacatg 300
gctttgaagg cgacgggttt gtgtatctca agaatccctt gnggnggggc ggtatcgcaa 360
ctcttgctct cgganaaatt tgcaactttg ccgcatacgc tttccccctg ctatccttgg 420
tactccccct ggagctctca gtgnctcat tggngccgtc ttggctctta tttcctnaaa 480
aaaaacttgg taccctgggc aaactgggca gtgctatttc ctgattggcg ccgntatnat 540
tgnctcccc cccctccaaa tgaagagatt ganaccgcca agaaaatttc atttgccat 600
tcancaggt tttctctat cgttttcgcc ggn 633

<210> 1052
<211> 594
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

<400> 1052
cttgtttagt tcgagaaaaa caagatcaag atggcttccc tcaggactct taccatctct 60
aacgcgtctc cgaagcaacc catcaagaac cttccagagt cgatcgaggt ccaaccgcac 120
accaccgtgg aggaacctca gattttgatc gcaaaggaga ccaagctngg tgaccacaac 180
cgtattgggtg tntatgatcc cactaccaag aagacctca agaaccgcan ggctcgctc 240
gtcgatgagc ccgcgtagt tgcagctggc gaggtcctca ttaaggatat gggttaccaa 300
attccttggg gaacgctctt cgtcgncaaa tacctgggtc cctnatttt ccatgccctt 360
ttcgctcgag ccgcgccctt tttgtaccgc aatggagacg gcgacatgtc ccaaactcaa 420
tggatcaatt tcgcatgat catgctgcac ttcgcaagcg cgagtacgaa actntttttt 480
gtacacaagt ttttcgcaa cacaatgccc tgggaaaaac atntttaana acaagttttt 540
tntactggg ccgctctttt gngctggct gngccttact catttaacaa cccc 594

<210> 1053
<211> 574
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 1053
ctcgtttoga caaccacccc cataagaaga tatactataa acaacacata gagccaagtt 60

aaagagccat	tgacgctcta	gtctttgtaa	aatggcctct	caagaatctc	aaatgccatt	120
tattcgcaac	ctcgcttcaa	gcatcgcaa	actccgaaca	gcttctctag	agacccttac	180
aacattcctc	gcctcccgc	catecccttc	cgacctcgac	gcccagaagc	tctggaaagg	240
tctcttctac	gcccctctga	tgaccgacgc	tccccctccc	cagcagcgtc	tcgcaaccga	300
cctcgccaac	ctcctcttca	ctctgaagcc	cgtctgcgcc	atccccctgt	tacgcggatt	360
ctggactgtc	gtcgggaatt	cagtggacgc	acatcgacgt	cctccgcctt	gaaaagtttc	420
ttcttctcgt	ccgtcgcgtt	ttcgctcgc	acgtgcgatt	cctgagggag	cgcgactgga	480
aggacgggtga	cgttgaaggc	attgtnggga	gtctggccga	atttcctttc	gataaggaag	540
gcgattgcga	aagaacctgt	gggcttan	tgca			574

<210> 1054

<211> 579

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(579)

<223> n = A,T,C or G

<400> 1054

ctgagctcgt	tactggatcc	aagacagcgg	accccggcgt	caagaccgct	atgctcaagg	50
cgctatacga	ggttatcagc	aaagctggcg	ctaacatggg	agaggcctct	cgagcttctg	120
tcttgctact	tatcgacatg	gatacagacg	agagagatga	gaccatgacc	atcactaatg	180
ccaagctact	gggcgcgcgc	atcaagaacg	ttcctgaaga	tgccgctctg	ggtttggtga	240
agaaccgcgt	ggccacccca	cattttaccc	attcttctgt	tcttgctctg	aactccgtcc	300
tggccgagtc	cccagatggt	ctgcttcaaa	gctccttagt	cgacgacttg	cccgacctct	360
tgttccaagg	tgctactaac	aagaacgtct	ttgtcgcgga	caactgtatt	cctgctaccg	420
gaaagtatct	gctctcggat	tctgcaaaga	ccttgagaca	acaaagggat	cntcnaggcc	480
tggcttctgt	taccaacctg	gaatgcgacc	gattcgtca	cttgctcnat	cctcgctcga	540
ccgtcagccg	caaagaatgn	natggtcggn	ccangttgc			579

<210> 1055

<211> 560

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(560)

<223> n = A,T,C or G

<400> 1055

cacagaggcg	actacagaga	ctacagagac	tacacagact	gcagaggcca	cagtgcacaga	50
gacagaggca	cccaaagagc	ccgtcacaga	gaccgcagag	acggccgaac	ccgtcaaaga	120
gcccacagac	accgagtcac	cccaaacttc	cggcgaaaaa	gtcgacgagt	ccatcgaagc	180
cgtcgaagaa	gcctctgaag	acgaagcctc	cgacgacgaa	ggtggctgga	tcacaccctc	240
caacctcaag	aaacaccaag	cagcatccgc	cggcgagcgt	ctcccttcaa	ctcctgtcca	300
aaaaacctcc	aagcgcgcgt	tctcacctct	gattngccca	tgcaaaaagt	cgctctacga	360
atgaacctca	acctcgtcgc	acctccctcg	cangaanac	acatctcaa	aactgggttc	420
tacgtgcaca	cgggtgcttc	cagatcncca	aagaaatgga	caagcngtcc	tgctctacct	480
gtggacaacc	acactcatgc	gcncaagttg	ctcncgcgac	gaacacggaa	acttcacagg	540
tcatctccag	aaaaaatctc					560

<210> 1056

<211> 291

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 1056
 actgtccatg ccagcctaag cagagatctt cgattccatc acaagtgcac tccttgtcca 60
 ttggtggtgc ctgtcgagaa ctctttgaca gcaacattgc cagcgggtgc agagtnegtc 120
 aagaagcaca aagcattctc caganacgtg gtttcaatcg attctttcct cnaccanatt 180
 ttggtgctga gttcattggc caaaccaaga naantcacag cgcgtggttg tgatggaaaa 240
 aatacatgct tctcntcnaa cccaagacg aatttcgaac ggaccagcgc c 291

<210> 1057
 <211> 814
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(814)
 <223> n = A,T,C or G

<400> 1057
 atttgaacag ttaatccatt tcttagtcca ggtcgttgcg tgaatccttt ggttcaatct 60
 gctagatttc cgcagttttc gaaagacact gtcacttgca tccaattctt tactaaacca 120
 actcatcatc cactactaca actcgtttgg ttcagccaac ttcttaccgc tctctcgctt 180
 ctcaccgtca tctcatattt ttaccgttcc ctgcgaacat ataaaccctt gggtttccat 240
 caattcttac tacttttttt tttttttttt ttaccacaaa caaccgacat catgcctcct 300
 aagcgaatcc gttgcaccgc cgtactttgc cgcgagcctg cccagcgcac cgtcggcgac 360
 tgtacctttt gccaaaggtca cttctgtggc aagcaccgtc tactagaaga ccacaagtgt 420
 actggtcttg aggtattgtaa aaagcagtcg tacgagcgta acgctgtaca actcagatcg 480
 gagegaaccc aggttatccg gggcgtgtaa accgacccaa gagatcacac atactctcat 540
 aacagatgtg tcacggactg gagactggcg tcaactctca cgtacacgat gcgcgactnt 600
 gacggccacg acgtaacgat gggattgggt ttcgacacag tatattgcag aaaaganatg 660
 cagggcggtta ttccgccatt tatattttct tttcaacagt tgaggatgcg acggcgctact 720
 ggatatgttt tgaggggggca taattcccca ttctagcggg gtctgcatta aatcaattca 780
 tcacaaatca attacttact attccaaaaa aaaa 814

<210> 1058
 <211> 277
 <212> DNA
 <213> Fusarium venenatum

<400> 1058
 cgcattggctc ctaacgagat tgagcgcgaag attgacgcc a ttactgagaa ggacattatg 60
 gacttcgcc a accgaaaact ctgggatcgt gatattgctg tcagtgtgtt gggaaccatt 120
 gaggttctct ttgactacca gagacttcgc aacaccatga agcccaagtt ttaagttata 180
 gagggctagt ggagttgtga aaatcgaaac cagggtatag agtgtatgag ataccgttta 240
 caggcctagt gtccataaga attcctctgg tcatact 277

<210> 1059
 <211> 624
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 1059

tcaaagtcca	ttaacatttc	tcttacacaa	aatctttcac	aatggctcgac	cgctcctaaca	60
agccttcggc	acttgectca	acccccgcag	ctctcccca	agctgttgcc	gacattaccc	120
acgacaactc	ccgtgtcaag	gccgtttctc	cctcgggcga	gagtgctgag	gtcctcctcc	180
atgggtgccac	cgtaatcagc	tggaaggacg	cttcaggagc	cgagaagctc	tgggttagcg	240
agactgctgc	tcttgatggc	agtgcctccg	tccgaggagg	cattcctatc	gtcttcctcg	300
tctttggtag	cgccctgacc	atgaaccctg	agccaaactt	tcccaacacg	gatttgctcg	360
caactcacga	agggagtctc	ttggcaagtc	caccagcgag	ggctcaactc	tagcgttaagc	420
tcgactttgc	ctgtcctctg	agagcattag	cgacgacttc	aaggggttnt	ggcctacaag	480
ttgggtcttat	tacagggttt	ttttgacagc	agagttttgg	accacaattg	ttgtaccaac	540
aacgggacac	ccgtttgatt	caaanttttt	ttanacttct	tnaaataang	ttttgcttcc	600
anagttatgg	tttgaggatt	nttn				624

<210> 1060

<211> 584

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(584)

<223> n = A,T,C or G

<400> 1060

acggatagca	aatagctact	gtgcctattt	actccgctga	gatggcacct	gctcgaatcc	60
gaggtgccct	tggtatgttc	tggaactttt	gggttggtat	tggcatcttc	cttggtattct	120
gtgccaatgt	tattgtcaaa	gatatcggtg	atattgcttg	gcgactggag	cttggtctcag	180
ccttcattcc	tgccttcctt	cttatgatcg	gcatttactt	ttgccccgag	tcaccccgtt	240
ggcttatgaa	gcattggcga	atttctgagg	gattcgtctc	catgtccaag	cttcgtgccc	300
accccatcat	cgggtgcccc	gattactact	actcgtatgt	tatctatcac	gaagaactcc	360
gcgagaacgc	aggtgctggc	tactttcaac	gtctctggga	ttgtttcgcc	gtccctanga	420
tccgaanaac	caactatggt	gccagcactg	tcattgttgg	ccagcaaata	tgcggtatca	480
atatcatctc	ttctacagt	tcnccatctt	tcgagaagcc	gacttcacca	caaacaanct	540
tgtancctct	ctgggctatg	gactatcagg	tctctcctat	ccac		584

<210> 1061

<211> 541

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(541)

<223> n = A,T,C or G

<400> 1061

gtataanaac	atctaagatg	tctctccang	aaaaagtcta	cgcgataacc	ggtgggtgcaa	60
gtgggtattgg	cttcgcaact	gccaaagtcc	ttgcacagng	nggggcaatc	gtgagcattg	120
ccgacgttga	catcgctgcc	atgtcaagcg	ctacggcata	ctttaaanaa	caaggcgttg	180
tcgcaatggt	ttctcgagtc	gatgtctccc	agaggtccga	agtanaaaagc	tggctggatg	240
acacagttgc	aaaatatqgg	aaactcgatg	ggcgacccac	gtggctgqta	taattggcaa	300
gcattcatggt	cttcgggctg	tancacacct	ggaagatgag	gagtggcaca	agatcattgc	360
tgtraacttg	acaggaacaa	tgtnctgctt	aagaacgcac	cttaacagag	tagtcgntgg	420
gggatctatc	gtcaacgtgg	catccattca	tggtatcaag	ggattcgcct	aacacgggtc	480
ttatgaaccc	agcaaacatg	gtnttttttg	ctttgacaaa	ngctgcngga	aaanaaaacc	540
G						541

<210> 1062

<211> 438

<212> DNA

<213> Fusarium venenatum

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<400> 1062
cagtggccga tcaggtctgt caggaaattg ttgcgcttta tgaacactct ggaagtgtaa      60
aggaacgggc aaaggttaaca gcaacggcgc gtggcgaggc tgctgagtgg gtggccagtg      120
ttaaggtcgt ggctacggat acgggtctac gcgtaacatc ggggatcttc gagcttacag      180
ggccaagtc tacccaaagt aagattgggc ttgaccgttt ttggcgagac gtccgaactc      240
attctctcca tgaccccggt gcctacaaaa ataggggaact tggtcgctat caactccttg      300
gagaaattcc ggagcctacg tggtaacacat gagagtaagt tctttggtcc cattgacaac      360
cgaggggtgt cgggaaaact cccagaaca atactatcgt ttgtaattct ctttcaatta      420
aatatatatt taaacaca                                     438

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<210> 1063
<211> 568
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

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<400> 1063
acaaggacaa cgtcaagcag atgtggccca aggetggcaa cagcccatg tctggctgcg      60
agtctttccc ttgcgacaac gcctactggc tccctgacga cgtccagacc aaggctcactg      120
aggaggttga cctcatcacc accctcggtg atggtgccag tccttacagt gcttaggtgc      180
ccctactgnc attgcccaag cggccctttt tcttcaactc tccctcccc ctttccacct      240
tttcatgccg cggcggttga caccgcattg acgatgtcat gaaccccttt ctacactaca      300
cgagtttcgt tttacatacc ctgaaagata cccctcgtgt gttgcaatac cgaggccttt      360
cgntatagac ctttgggctg gagcaagtgg cgcttatgat gatggatacc catanagaca      420
aggacaaaca ggattgagtt catacttggg atttcaacta tgaaagcggg cattttttcg      480
gcttntgccc atacggcttg angttttgga taacaaaagg tgaggtggcc ttgtttaata      540
ccaatttacc tnttggacta acatttaa                                     568

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<210> 1064
<211> 437
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

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<400> 1064
cttgcaacaa tggttggaag gtttgagccc aagaccgcgc tcaactctcg cccctccaaag      60
gacgacatca tctccaagga ggagctcgcc aaggccaacg gcgctactga aggggggcaag      120
tgctacgtgg ctatcaaggg caaggtttat gatgtgactg gcaacaaggc ttacctccct      180
ggagcttcc tacaatgtct tgccggcaag gacgcctcaa gagccctagc caagtcctcg      240
aaaaaacaqq aagatgcgct tccagagtgg caagacttgg atgataagga aaaaagcgtt      300
cttaacgaact ggatcacctt cttctccaa agglacaaaca tggthgggtg tatqaaagg      360
ggacaaaaca cagagtgaact agccgcgttg cctccaagta ctacggtcaa gttatgaatl      420
caccggtttn aaaaaaa                                     437

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<210> 1065
<211> 548
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature

```

<222> (1)...(548)

<223> n = A,T,C or G

<400> 1065

cttcttttctt	cttacgtttct	aatcttttaag	gccagacgac	nattaccttg	ccatgcctct	60
gttggtcttca	acctcaatcg	ccgcgcgcgc	gcctgcgtta	ccagtcacat	tagctctgtc	120
gggtatcttt	ggcagcatca	gtttaacttc	ttggatatgc	cttctgctac	cccaattggt	180
cgccaactac	aaggccaaga	gtgctgatgg	cctcagcatg	gccttctctca	tcgtctggct	240
tctgggagac	gtcacaatc	tcacggagc	cttggtcacc	cgcttagccc	ccaccgcctg	300
tgccctggca	ggctactttt	gtattgccga	cattgtcttc	atcggccaa	ctgtttacta	360
caacgccatc	aatgcccgc	gaagcgagtt	cgccctgagg	aacgagacca	attgaccttc	420
ggaaggaatc	gcctctcctc	aaccgatcgc	gccgacgaaa	tctctctttt	ggcctcccgg	480
ggtctcagtc	gacgccatgc	gacacatacc	gagtcctcaa	tgganccatt	gaagaanac	540
gtgaccgg						548

<210> 1066

<211> 356

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(356)

<223> n = A,T,C or G

<400> 1066

naatttttgg	cgatgacttt	tgaactctcg	ttcccgataa	ctccaccttt	tcttcacctc	60
ctgccaaaac	agccaagacc	gccgccacaa	tggaaagctc	ccctgccttc	caaatcaaga	120
agctctctga	gaagggcgct	cttctacttc	gtggcagcga	gttcgctgct	ggatacaata	180
tctactctgc	ccacgacaca	actatcccan	cccgtggaaa	ggctctgggt	gataccnata	240
ttaacatggc	tgggcccgc	ggaacttatg	gccgtatcgc	tccccgaaaa	aggcctngct	300
tccaagcact	ttattgacac	angcgctggg	gtatngatgc	ccataccggg	gccagg	356

<210> 1067

<211> 584

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(584)

<223> n = A,T,C or G

<400> 1067

ctggatgacc	gactaccaac	aactcagtc	agactcattc	ttaccactct	ttcgaacaag	60
caactcccaa	actcgctcga	ttcgcccatc	tccgaatata	tttccacaag	cgatgatgaa	120
tttcttttct	tgcgactcgc	ggtgccccta	tgcggtggca	aagggtggtt	tggatcacag	180
ctgagagcgc	caggtggctg	catgtcctca	cgcaagaaga	agagccaaga	ggatcatgga	240
tctaatcgaa	atttggtatg	gcgacgcttg	cgcacagtga	acgaagccaa	ngctctggca	300
gataacttgg	ctatcaagcc	tgaatggag	aaagaaggag	aaganaaacg	ccgtgagcgt	360
tgggagcaga	tgtcccaagg	ctccgaacaa	aangaggccg	agatcaaglc	nggtagtata	420
acgggttgga	tggccantgg	gttgatgata	aggaagaaan	tatgaaagga	nccaaagcan	480
tttgggggca	tgaaggccgc	actataaaan	aactgcctgg	cctctatgct	ccatctacca	540
cenggcacaa	catctnltct	acannaaaag	aactctctctg	agaa		584

<210> 1068

<211> 536

<212> DNA

<213> *Fusarium venenatum*

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<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 1068
gctgcggcga ctgccagagc gcccgttgct ttctttctaca atgttgccaa cggctttcac      60
aacgcacccat caaacgtctt tgatgttgat gttcgccgcc gagacnaaat aacagggctg      120
gggagcggcg tcaaaaccgc agggaaggaa ttctgttatg ggatctggga tgcctttagt      180
ggcatagtcg tcaaaccata tgaagacaca aagaatatgg gcgccaaggg tcttggaana      240
agcctgttga naagcgccct ggtataatan gcaatttggg ctctgcatgt ttcgggctcc      300
cangatatac cttgaaaggg ctaganaaaag aattgatgaa acgttatatg acaagcctaa      360
agcaganata ttattaatcc nacttccgcc aggtntanaa gaatggaaga aagctgccga      420
aantnaaaag gaagaaatat ccggaagtgg aaaatatata tattataata agtcttataa      480
gtntaattta nctagtgcct tctatcttaa aaatttatat aatttagatt atagtn      536

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<210> 1069
<211> 573
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(573)
<223> n = A,T,C or G

<400> 1069
cgcattgata caaactcaac gttgcccctc attgcagaac aaagaaaaat ggcagctccc      60
ggcaagaactt ttattgtcga gcatctcgac cctgaactag gcccttggtc agagcttgag      120
tatctcgcca ttgctcgtga gactcaggat accaacggct cttttatcct ttccagtttg      180
cctcctaact tcaaggttcc agcagacctc gccagcaacc ctgccttcac tgccgagcag      240
cgtggcggtg aggagcttta tgctgccaac aagtccaagg tttgcttgc tgcattcatc      300
gccgctaagg acctttctcc tgaagatggg gacacctttg atgccttttt gtttggtgga      360
atcctcggcg atgatcccc acgagaccgt acttcagagc tcnaaaagaa gggctttgag      420
ggtcgcagac tttggcccca agcaaatgac gacagatctg ctgttcgagt taccctgat      480
cgggtgttcaa agacaaagggt gcctgttgac caggtccctt actggacttt ncccgagctc      540
aaagttnaat ggagcccgan agcaccgcag atg      573

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<210> 1070
<211> 547
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 1070
ctctctctct ttctcagaca tgaagaaag aagactgctg tgaactacnt attcaacctt      60
agctctgact ttaccaagtc catcaaggcc aaggaggagc tcatcgtcca gltgtggact      120
cgtcgcattg tgatcaaggc cctatactct cagcctggac agacacccaa cgatgtccac      180
aatgaactgac gattcatcca ccttggaaca tcagccattg cgaactttcat gggctctcta      240
acatgggggtg ccgtgcctgt gctnttcttc aagggaaacca ccgccgagga tgtcnagagg      300
aaagaggagg aagatgggct acatctggca tgtctctcat nggacaggaa ccgncatcca      360
ccctcaacat cttgcgtcat cncaaaagcg arnatcttca ccggacccca taaatntaac      420
aagagaattg cncntccga taentgtttt cacaaaaaaa actcgagtgg ttcaaggcct      480
tgcccttggg accagcgaga cncatnggtt attaagagcc tttgggtccaa tggttctnaa      540
ggttctt

```

<210> 1071
 <211> 441
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(441)
 <223> n = A,T,C or G

<400> 1071
 cggtgtcact cccaaggatc agcttcagcc tctgattgat gatgctcttg atgagattga 60
 gttcattcga ggtcctgtca cttctaagtg gggtaagaag cgtgctgagc ttggccaccc 120
 caagcccttc aagctttcct acgtcgagat tggaaacgag gactggcttg ctggttaccc 180
 aacggctgg aacagctaca aggagtaccg attccccatg ttctcgagg ctatcaataa 240
 ggtcaccccc gaactgaactg tgatctctct tgggtgctct atcgacctg ttggttaacaa 300
 gaacgctggg tttgacatcc negnaacggg aatcggtgac taccacccct accgtgagcc 360
 tgatgctctc gtngaggagt ttgatctctt tgacaccacc aagtcognca cattatcgtg 420
 aagttgnttt tnttaaccca c 441

<210> 1072
 <211> 552
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 1072
 caagaaccac gacctgggtc gtctccgcca cgttgggtact gacaagatcc tgctctctca 60
 cgatgttgcc tctccttact accccaccaa ccaggaattc acagctgtca caccgaaga 120
 agctctcggc aagcgcgaga aggaaactct gtttgaggtc gctcgagcac ggnaagaaga 180
 accaaaactt caagtcgggt ggcnngnact ttaagcttat cacaaccaag caaggncggt 240
 nttngggact acaccaagcc tttgcttgag tgggggttaca agcagcagga gataacggta 300
 caagcanatg ngcccagttc cacggggggg ttcggtgngg nattggtttg tttctggcga 360
 taaccttntc gccaaagccg acccaaggnn aagttttttc ctttttcaaa anggttaggt 420
 taagggcttt tttttacca naagagggtta acagngccc cttttgccag ctttttaaan 480
 gggctttttt gtccggggnn aagttttgga ntaaaaggaa accnccaaaa attttttttg 540
 gaaccttttg gg 552

<210> 1073
 <211> 578
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 1073
 gatcttgta tcatcgccaa cgacattttc gattttttcca aatattgcgc ttttgaggcc 60
 aatacctttt ctctcttggg ctctctatca aacgatataa caatacttca taactattaa 120
 caatgggttg gttttgggca gacnaagctc cugntqttgc ggttcttgcg ggtctccag 180
 cgaactacca caaggtcctt ccaccgggtt gtcttatgca ccaaaagtcg gccgacgctt 240
 tgaatcttac tgccaaaccc aagcctgccc agatcccgtc tacttcaaga tgccctgtcc 300
 ctacagtgcc ccgaaacgaa gagcagccca agtctctgat ctcccanctc aacctctca 360
 actacatggt ccccgatctc tccanaacc tgcgcctaac caagaattcg ctttgccgac 420

tagccgaaat	gaatcaacca	ttcccaaggg	ctctgggtgat	ngcaactggg	aataccttca	480
cctcaccaat	gtcaatgccc	cctgcncaag	gttacctgat	accnatatta	tgccttccaa	540
ggcatgggtc	gggccaactt	cctgaatgaa	ggccctgg			578

<210> 1074
 <211> 603
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 1074						
aaaccattaa	tttagacccc	atctctttctg	gatcttttqgt	ttccatcaac	gtttactatc	60
tattcccttcc	tttcttgtct	ccatttccgg	ctctcttaaga	atcttctgtg	gattctcttg	120
tcaaatctcc	ttctctgggt	ttaattcttc	aacaatgtct	tctctctctc	cttctctccc	180
cgtcaacggc	ggcgtctgtg	ccagcgggtg	caacatcggc	cgacctcat	ctctctgtat	240
ccctgggtgt	ccccgtactg	ccatccgacg	acgcgtctgc	gccgaccaga	aggagaagat	300
tgccaatgct	cgaccaagca	gcactcgcgc	cgtctggcgc	ggtggttcca	gcagcaccat	360
gctgcgactt	tacaccgatg	agtcgcccgg	tcttaaggct	gacccctctg	ttgtccttgt	420
tctgtctctt	gtctttatct	tcagcgttgt	tgctcttcac	attatcgcca	agattaccgg	480
aaantctcca	gctaaanggc	tgcgaaaact	catcaaattt	cacgacaaac	tcgaagaaaa	540
agggagatga	tgatatcttg	gggacctgct	atttcttgtt	ataaccatga	atgatgggta	600
ggc						603

<210> 1075
 <211> 570
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 1075						
ggcgcgactt	ggtgcctctg	atgaggcctc	agcctctctat	catcagtgtc	gtccgcccag	60
acacttttgg	caaggcatac	tcggagacca	actacacatt	cctgttctgc	cctgtgttcc	120
acaccggcat	gcgtctacgt	gcacctatcc	gtaagcagct	cccttgaggg	acagtcttca	180
acaaccttgg	ccccctggcc	aacctgtctg	angacttctc	gaagctcgtg	tcattgggtg	240
cggcagacga	natctcggcc	ctgcttttgc	tgaagcgcta	tgcattggcc	gtttcaagaa	300
agctctcctc	atttgttggt	aagaagatct	cgacgaagtc	agctgtgctg	yaaacacctg	360
tgctggaang	tcaatgagac	aattctggaa	actcgagggt	gaacattcac	cgtgcaccca	420
ncacttgggt	tgacactcat	cccccaacc	anctcctctg	gcaagganct	tctgaaacgc	480
anaaatctgt	cengatctc	cacaaccccg	ataatgatcc	atctcnattt	gtcttctcac	540
atgcgctctc	ctgtccatct	gtttctcaag				570

<210> 1076
 <211> 630
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 1076

tcgaatcccg	gaacgatcaa	gccgctgtgc	ttagatctaa	atgatctcga	gagcgtcacg	60
aacgctgccg	aaacgtttgc	tcagcaggaa	agtcaacttg	atgtgctctg	gaacaatgca	120
ggtactggag	gtaccgcagt	cgagattggg	gcgaaaacga	aacaaggctc	cgagccaatg	180
gtgggcatgc	attgctgcgc	agccttgctc	ttcaactcaac	tgctcatccc	tcattttacgc	240
gctgctgctg	cgtcttcggg	aagaaagtgc	tctcgggtcg	tttggaagctc	tggttttctt	300
gcggaagcag	tgacaccaac	aaatggcctc	gacttcgatt	ttctcaagga	aggtagttct	360
gaccgagtgc	agaactacgg	tgtttcaaaa	atgggggaact	ggatgctgag	tcgcgaaatg	420
acaaaccgct	atgctgaaga	tggtatcatt	agcatcactc	agaatccagg	aaatctcaan	480
ggcggggcat	acgctgggtac	accagctgtt	gccatgttct	tgatgaaagc	tttctcccat	540
gatccgaagt	ttggagctta	cactgagctg	tactctggnc	tatcaaccga	tatcaccanc	600
gagaataatg	ggtgttacgt	cattccttng				630

<210> 1077

<211> 573

<212> DNA

<213> *Fusarium venenatum*

<400> 1077

gctcagaaca	attttctgcaa	gcattgttct	gatcttgaca	caagatcgtc	gggctcgatt	60
cttcatgcgc	tgaatcgect	gcagcctcta	ttcggtatt	gcttctctat	cgtaccgtcg	120
attaacagtt	cctgttcaag	cttcgaatcg	aaacgagttg	tagcgagacg	tggtcgggct	180
atttgttcaa	aatgaagtca	tctgcttcta	cagctactcc	tctcagacct	caacacgact	240
ttgaacttcg	gtttgaagag	gtcaaggccc	ccaaaagtga	tatcaatgca	ttgattctgg	300
actatctcac	catggaggga	tatccaaacg	ccgcagccaa	tttttccaaa	gaggccaatc	360
tgatccctca	ccaggagact	ccctccatca	ttgccaggca	ggaaatacaa	aattgtatcc	420
atagcggcaa	cattcaaaca	gctattgaaa	cattaaatga	tttcgatcca	gagattttag	480
atgaagacaa	ggcactgcat	ttttctctgc	tacgacttca	acttgtcgaa	ctcattcgta	540
cctggtaaca	cacctgggag	gcgatattag	gcc			573

<210> 1078

<211> 823

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(823)

<223> n = A,T,C or G

<400> 1078

agtgttcatg	ccngggcgcc	aacgctgctc	ccagcgcactg	gagtgcgaa	tacaaaaagt	60
tcctcaagat	gtttgcgcag	gcgcagatgc	acagtcttca	gaagggctgg	ggatgggtgg	120
actggacatg	gaagaggag	gacaaccacc	agtggagtta	cgaatctggg	ctcaagtctg	180
gtgttttgc	tgagaagcct	tgggatcgng	attttaactg	cgataaagat	gttctcgact	240
ttgaaaagat	gggattgccc	gagtatctct	gaaaatacag	aagggtttgt	gctgcatata	300
ttataggttc	tgggtatgaa	aggtttgttt	nggcgtttng	ggtatgcatg	ggattgggat	360
atagagcaag	tatgtttggg	ccantatgtc	naggctttgg	agagacgacc	cggttgaatg	420
tncttataat	caaangtnca	gtacattgct	acatgttaga	tagatagtta	ataagaacan	480
anagaaatag	ttgcccaaga	agaaggcgcc	caagaaggag	ggtgacgaag	aqtaagggtat	540
atgacattaa	aatatgttct	gaagaggtgc	ggaaagaccc	aggatcccaq	gactgggtgaa	600
accagaaaacg	cgagtcaagg	agaatgcata	tgggcagttt	gggcaaacga	ctttaccacc	660
attggatggg	ccatatacat	gaaggaaaat	atcttcatag	gaaaactgtt	ggaaggctga	720
aagggaacgac	tggaaatcgcc	aaacccgaca	tgggcgtttt	tgatcaggtg	atgtagagag	780
accagaaaaga	tatatataaa	tctcacacag	cctgatactg	atc		823

<210> 1079

<211> 467

<212> DNA

<213> *Fusarium venenatum*


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<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

<400> 1079
ngggcanttg ttgatgacac atccaagttt tctccaagg acgccagtgc tagccccaag      60
acattgatgc gaaagtcaaa catgaatctt cgaacagtgg ctatccttcc tgtcacggct      120
ggcgtacctg ttgttgagtt tggaaatcgt ctcatgaacg cactcgctca agttggccca      180
gcaaatgggtg ccacttcctt caaccaggct gttattctca accatcttgg caagcatgcc      240
ttcaacaaga tgggaaagct caggctctct caatatcttg ctgacttgga agaaaaatac      300
cgcttggtgt ttatgtttgca natecaatgt caactcccat ggacgcaact tgtntcacgc      360
aagcagatag cattctnttg gnggcctcgc anaangatcc cgcaatggng agtccagcgc      420
ttatgcttgg atgaatctcg gntaaaaggt ctggttttgt tctgcct      467

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<210> 1080
<211> 496
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G

<400> 1080
caaaacacag ccattctaac aagcaaagcc ttgcttgtcc catacgagggc tcaccatgtg      60
cggcaatacc acgcatggat gcaagatcca gacatccaag atgctaccgc ttccgaaccg      120
atgacttttg aggaggagta tganaaccag cagtcatggc gcacatnate cgacaagctc      180
acgttttateg ttngcggggc cgtcacacaa nacacatcac tcgngaagtc cancacagnt      240
gatgctgacg ctctcatgcg tggagacatc aactttcttc tctaccggtt tgaaaagcat      300
gatgaggatg atctacagat actcaaggct gggtcactgg cgaagtcccg tcatgatcgc      360
ttcaccctcc atcgcgggca aggttttgga caagcggagt gtgccccctt ttgtttnttt      420
ccaaaacata tcgatgggat ccttgcaant atgaggcnaa agactcaggg tttgtggnaa      480
ancaaagagg gaaaaa      496

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<210> 1081
<211> 649
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 1081
cgcgagcatt atcgtctggt tctttccttc aaatcccaag ttatgaagca ctttcnacaa      60
aatccccggg gctggctcgg acaggaacgg cgtacctccc aagaggacca agccgctcgc      120
aatgctcctg gtaaaagttt cccaaagatc atgcttgcca aaactnnaaa atcacctcga      180
caacgggggg atcgggtcca gaagccccaa tccacccccc ggccgataccg taccacacct      240
cccgccgggc ccagccctgg cgcgggcctc gtgagaccag ctgctcgtgt tagtgccact      300
cttgagccgt ctgctcgtgt cgttctctcc aacggtgagg ataaggactt tgccctcgtg      360
ganaattact gcccgcctct tgattcattg ccaaacaaa ccaacagtct canggtggag      420
tggaggggtc agccactcga tctcagcaan gatccaaaca agatacacct tcatcccgat      480
gaagtgtccc tancaaagcan cctgcgcttg gaggctgcca cctacttgac tagnaagaga      540
cgtntnttta tgtaacgacg tgactgctac cgtcgnaaaga aaaatttncc caagaaggat      600
gettaacagg gttgcaaaat tgacgngaac aaagccttaa aactggggg      649

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<210> 1082

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<211> 615
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 1082
 cagatccgtg ataaggaagc ggggtgctgtt aagaggtttg gcattgagaa gttccccgct 60
 ctggttctga tccctgggtga aggcaaggac cctattgtct atgacggtga gatggccaag 120
 aagggcatgg tcaagttcct cactcaagct ggacagccta accctattca cgctactggc 180
 aacaccaaga gcaccaagag caccaaggcc aaaaaggacg acaccaagag cgctaagaag 240
 gacaagtcca ctgaagcggc caaggaacct accgccgaat caaaggagcc tactgccgag 300
 cctgtccctt ccattgttcc tctcgtact atcaagagct tagagaagct caccgaggag 360
 tgccctgccc cgaagtctca cactgtgtgc ctctctctca ctctgtggca agctggcgag 420
 aaggtgtgtg agtcgtctct ccacctnaac accaagtacg ttcacggagg ccgnaacact 480
 tttcccttca tgggcattcc agcgacagcg accgcggttt cactnttccc aangctcttg 540
 gactcaacga caaggtcaac ctggattgnt atcaacanc c gncgtaactt ggtggggnc 600
 gtacgaaagg ggact 615

<210> 1083
 <211> 580
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(580)
 <223> n = A,T,C or G

<400> 1083
 ctgggcaatg gtgctctcct gacaccgctc cttegtctcc ctctacagc ctacatctac 60
 aaccccaagg agcagaacaa gaccatcgaa actgatgagc tctttgctgc tggccgacaa 120
 ctcaacctcg tcaactgtct ccaggctcgc aactctgcgc gtgttactgt cattggcgcc 180
 gctgagatgc tccaggataa ggcttttgac acaaagggtg ctcgaaaggg tggcaagcct 240
 cagttccctg ctaaccgtga gtttgtcacc aacttgggtg cttggacttt ccaggagctt 300
 ggtgttttgc gagtgaactc gattgagcac cgctcgcagc gcagcaacga gaccaacctt 360
 gagatgtacc gcgttaagaa cgatgtttct tacaacatct ccattgtcga gtacgcctgg 420
 aacaactggc aacctatca cgcctccgaa ngcgacgttg tccagctgga attctccatg 480
 ctgtctccct tctaccgct ctcatgaaag cccattcacg tcaacgaaca tganaacatc 540
 tactctacca acttcaacct gctgatcag cacnggcac 580

<210> 1084
 <211> 623
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 1084
 ngattggta bgttgggtctt cgcattggaag aattcaaggt tatctacact gcatctgca 60
 aacaaaattg gcatactcct atcgccatct ttggtggcca tgcgcatgtt cgcgacactg 120
 tccagtatga ctcaaatgct ttggctatag ccagtggtcg ctatttcgag actatcggtt 180
 ggatgtcaat cgatgggtatt cagaaagaca ttcanaaaag cagcgccaaa gaagtcgagg 240
 cggatgcttc tgcctacctt actcgccggt acatcgacaa caacctctac ggctgcact 300

atcacactgg	tctcaacgaa	acgacattcc	ccactgagca	tggaaagaga	gtcagcaaga	360
tgatcactcg	cgcccgcgaag	gccctccaac	ttgactacaa	gtttggctgt	gctccgaana	420
cgttgtggat	gcacgcagcc	aagcacactg	acgangacag	tattttaccat	tggatctcga	480
atcacgtctt	gcccgatgtc	atcccccgaa	aagaccgcaa	agacaagtcg	aggntggctn	540
tcttcaacac	tggnggnatt	ccgatttgac	atttttcaan	ggngnggttt	acacccaaaac	600
agcacttatg	ctgggtgccc	ttt				623

<210> 1085

<211> 1005

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1005)

<223> n = A,T,C or G

<400> 1085

ctcttgcgag	agcccaagaa	atcgaggcca	gagtcaagga	tgacaagggt	gatgcggagg	50
atgccagaag	ggcaagggtg	ttccaagaaa	ttcgaaaaga	tgccctcacac	aacacatggc	120
aggatctccg	gattttcgac	gtcgaagggc	ctttgcacca	gagtctcgtc	gacgtgctga	180
gtgcttatgc	catgtacagg	agtgatattg	gttatgttcg	gggttgcaat	acaattgctg	240
ccctgctgct	cctcaacctc	cccgatgtcc	cgtcgcgactt	cgtcgcactc	gccaatgtgc	300
ttaacgcgcc	attacctctg	tctttttata	ctggcgaccc	aggcgacaaa	gcttccgctt	360
tcaaccttgt	catgcagacg	ctgtctctca	agtcggcgcc	tctgcacgcg	caccttacca	420
aaaagatccc	aactgccgaa	cttgagcaat	ccttgctcggg	aatcctgaca	gccatattca	480
cacagcatct	ggccattgac	gaaacaaccc	ggctatgggg	acgtgtacgt	ctttgaaggc	540
gatgctctct	tgattcgagc	taccgtagcg	cttctnctca	gccgagagat	gacgctactn	600
ggcgccaaaa	cggtcgatag	aagtcaagac	aatccttaac	gaaagaaatg	ccaaggctctc	660
tgccgccaga	gttgctggcg	aagtgggtgc	cgaggacaaa	tttatgatgt	cagtcctgta	720
ggcaggaaaa	gcttagcgcg	attagcaacg	ggctaccatt	ttggaaaggc	tcttggtctt	780
ggggcttgct	tggatctaaa	gccgtaaata	tggtattaga	tggggaacat	attggctcca	840
ttttcatggc	gtttattaca	cggacttcgg	atcttggata	agatgcggag	ggaatgttta	900
tgaagtattt	ggagaggnta	tagagccggt	gtttttatct	tcgtaattgc	agttgaccat	960
aatttggaca	acgagatttt	gaatcaatat	attttgatga	tcccc		1005

<210> 1086

<211> 414

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(414)

<223> n = A,T,C or G

<400> 1086

atttaagggt	ttttttttga	gttcatttca	tttaactctc	agggagcccg	acttttttat	50
tgaatctgta	gccacctaa	aaaatccata	ggcgcttcc	cagacccgat	gaacgcaaaa	120
tggcaattctg	aaataagccg	gaacagccca	aagcccaacn	ttccagacat	gatacacctt	180
tgcacctttt	atcggttget	cttgggcaca	cgctccaaat	catccttctt	cttgatagcg	240
taagagttgc	tagaacctt	agcagngttg	ataagctcct	cacaaggnao	tcagcaatgg	300
acttgacatt	goggaaagag	gcctcgcggg	naccagtggt	gaggagagag	cccgttaant	360
acgatgttag	ccgacagctg	aaggccatng	acgctttcga	ggctgaagcc	ggaa	414

<210> 1087

<211> 655

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(655)
 <223> n = A,T,C or G

<400> 1087
 gcggaggata ttcctgctca gccaaagccc aagaagagca agaagagaaa ggcggggtgca 60
 ccagatgacg aattactcga tactgagctt ggtctcaaca cgtctttcac caagatggac 120
 aaccaactct tggctgatca tctggttcaa agttgaccc gtttcggagg cgatttgagt 180
 gctgtcgaaa ttccagacat gactgtctca gccaacgccca ttcaggacac gaccacatgg 240
 caagaaccaa gaaccttgga caaattccct aatttcctgg agagcgtcac agagaacctt 300
 gaactcttgt acaagtcagc caagaagaag ggttcgcctc atactctcat tgttgcgga 360
 gcgggattga gagctgcgga tatcggttaga tccatgcgca aattccagaa caaggacaac 420
 gcaatcgca aactgttcgc caagcacatg aagggttgaag agcaagttca attcctcgaa 480
 aaagcacaag acangtattt tgtgtcggcc acctgccgt taatggatct tatggataac 540
 gngcgctct tctcgatng gotgaaaagc ctggtccgtg gacgctttcc acattganca 600
 aaaanaagcg tggcggtttt ggcattgaagg gcaactnrtga tgnccnttgg ctctg 655

<210> 1088
 <211> 814
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(814)
 <223> n = A,T,C or G

<400> 1088
 cgtgcctctt gtgaccaagg cactccagc acgcagaagc acacccaacg ttcagcctat 60
 caattctcct ttccctggcc agccaggcac aagtgtctcc ccacccctta gcggttctcc 120
 ttacgggcaa cgaactggag cgactccgcc cctctcctct cccaagggat ccgcgcccc 180
 tcgagttcaa tctcccttg cagctcctcc ccagaacttc caggctcctc caccagctgc 240
 cagtggccac aacctttaag cccccctcc tcccgctgct ggcgcaatcc cttegccaat 300
 gccaaacgct ctcccacgga ctgcgtcgcc gtacaatgct cctcctgccca cggcacctcc 360
 ctccaaccga tatgtctcca ctctgcagc ccagccacag caacagtata gccaaccccc 420
 aggateccat ccacctctg gagccgccag ccgtcctccc ccagctgggt cgttcaagcg 480
 cccgcctca agcagttcaa ctccnnggca agtatgctag ctgcctatac ggtggctcct 540
 cctaaccaga catccgcacc accaactggg gccacctcct atgaatcggc ctgggcctcc 600
 tggaggacct gctggtactg nttctnccag gccaaactcct ctntctnccca gtctcagcg 660
 ccttccaagg ccaggcatnc tgccggtgac cgatcacata tccccccaac gctcaacgct 720
 tggtagacat ctgaacaaga tatgcagcgn gttgntttca aagcttctgc gacatttgcg 780
 cctcagggtta aagatacaca agaagcgant ttgg 814

<210> 1089
 <211> 619
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 1089
 gotbaatccc caattnccat tccagcgtga aaacccactg gctctnagtt anctgaacta 60
 ttccattcca ttctgattct gtgcgactga cctactcgag ctttcatcca cattgccccg 120
 gcattttagt ttcttcaatt tttaacccaa ccaagtcaaa ccgaaaaatt gccaccatgt 180
 cgtcggagaa caaggaagtc gattacactc tggncacccn agataccctn accaagtaca 240
 agacgcncgc tcagatctct ganaaggctc ttgntgaggt ttccaagctc gtcgttctgt 300

ggctaagatt	gtcgatatct	gccagcaggg	agacaagctc	ctcgaggaag	agatctccaa	360
ggtctaccga	ggaaagaaga	tcaataaggg	ttttttccac	cccaccaccg	ntcccttcg	420
ttctacgtac	cccctacact	tccctcactt	cgacgaggnt	gaggggcagc	accgaaatca	480
aaagatgggg	aggntatcaa	gatccagctt	ggtgcacaaa	tcgacgggtt	cgggttcatt	540
gttggggaca	ccgtcatcgt	tccccgaag	acaagggcgg	ngagaagata	ctgggccgna	600
ctggcgattt	ggtccttgc					619

<210> 1090
 <211> 638
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(638)
 <223> n = A,T,C or G

<400> 1090						
cttaaacaca	actcgcatct	tattacgcaa	tactcgtttc	tgaatgactt	gacattataa	60
tgagcgaaaa	caacgcctct	atagtaggca	tctcaggatg	ttcttcaagc	gggaaaacca	120
ctcttgcgag	actactgnng	gacattttcc	ccaacacttt	tatcctgcat	gaagatgact	180
tttatanacc	cgagaatgaa	ttgcctacaa	agaatgggtct	tttagactgg	gattgtgccg	240
agtctctcga	tatccctgcc	atggctgaat	ccctcgctta	tatccgccaa	cacgctgcct	300
ttcctcctag	tcttgattct	aaggaggata	anaactctgt	gggaaagtgt	cctgtcccag	360
atgctataat	tgaagcccag	cgcgccaaag	tagacgctgn	tntaggacca	naccaccgcg	420
tccgnaataa	ccttcgntng	tgtctcctgg	acggatttnt	tnntttttca	ccctncatgg	480
ccgntgnaaa	gcctaattta	aacatcaaac	tnnttttgag	aacgacgtnt	gcaaaaagccc	540
aaagcganaa	aaaaggctag	aaatggatat	gtccctcttg	gaaggatttt	gggcnggatac	600
ctccgggnta	cgtggaanaa	anccggtttg	ncccattn			638

<210> 1091
 <211> 600
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 1091						
gggaactcaa	ccttcactta	ttagcctctc	ccaacatcac	tacgccagtc	atgaaggtta	60
ttctcgcaat	caacgcgggc	tccagttcgg	ncaanatact	ggtatatact	gcagataaga	120
atgcagagcc	tcaccaaata	gccgaagcat	cagttggcgg	tctaactgca	ccgccagcaa	180
ctcttgcgta	ttcccgtagc	aatgaaaaag	tgctcaaggc	gaaggaggtt	tctgaaagcg	240
tcaanaccca	gggtgacgct	tttgacctca	ttctaaagac	cttcacgat	gatagtgagt	300
tgaaagagat	ctcttcaaag	ggagacatcg	ccatcgctag	tcacgtatc	gttcattggc	360
gcqactacga	ccgatctcaa	gtcatcactc	aagatactta	tcacatctct	gaanaactca	420
gttattttgg	accgtccac	aatggcggtg	ccttgagtat	cgncgatact	tgcatcagcg	480
ctttggccag	cagggtcaac	gtcgcctgtg	tgcactcaca	attccaccaa	actctacctc	540
cacatattta	tacatatact	attgaccccc	aaattgcaaa	agancacccg	tgcgaaagtt	600

<210> 1092
 <211> 585
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(585)

<223> n = A,T,C or G

```
<400> 1092
gtggatatcg ccaattaaat cacaatgaga cggcagatca tgcgcatcggc ttctctcgca      60
gcgctagtca gtggtgctga tgtcgacaac tcgaagcttg acccgctaca gttcaagaaa      120
gatggtacct ttcagattgc catcttttct gacatgcatt tcggacaata tgaatcttcg      180
acaggccctg aacaggaccg caattcaatc gaggtgctca acaaagtgtc tgactacgac      240
acgccagatc tggtagtcct caatggcgat ctcacaaacg gtgactcaac atggaaacac      300
aacagcacac actatatcga catgattgtt gagcctatga tcaaccgcag tctcacttgg      360
gcgtctactt atggtaacca tgaccataac tacaacatca atggtgatga tattcttcta      420
cgcgagcaaa tgtggccagg ggcacgcact cagaaaatgg tcaacgagac aaatcaggca      480
ccaccaatta ttaccttcca gtctatccct ctgactgtc cgatacatcc gaatgtancc      540
tcagcttata ctgtggttct tcgatagccg tggcggaaac tatta                        585
```

<210> 1093

<211> 586

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

```
<400> 1093
cacgcgtgtc gacagcagcc aagagatcaa gaagctcgtc cccaaattca caggtcctct      60
cacgggcttc aaaggctatc acaacaagct tgccggttat ggccactctg ctaatgcttt      120
gagagctggt tatgagcagt gtgttaagct tgggtgcaag ttccatctgg gcaagaatga      180
cgggtgaagtt gactctttgt tgtatgcgtc aagtcgcgag ggtacaaagt gtatcggcgc      240
tcggactcgt ggangaagca ttcacactgc tgatacgact atcgtcgctc tgggtgctga      300
tgetgccaac ctcttctctc gagtcgggaa gcaaatgaca ggtcnggcct gggggtgtcg      360
cacacatcca acttacagac gaagaagcag ctcacctcaa gggaatcccc gtcacaaacg      420
tgcgagattht ggcattttttc tttgagcctg atctggaaga ccaagaaact caagttctgc      480
catatgggaa gtgcttttta caaactactc tttcaccaaa agatggctct cacttccctt      540
cccnaaatt gtctgattcn caattcatgc cctcgaana caaaaa                        586
```

<210> 1094

<211> 618

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

```
<400> 1094
atccgatact ttctcgaaat ggtagatcag aaacaccgct atggaagcaa tctatgcaga      60
tatcatgaag tctggaagca aacagatacc aacgagaatt acttttactg gctcgactac      120
ggcgaagggtc gcaatattga gatcgacggc tctcagagag agagactcga aagaqaqcaa      180
gttcgataatc ttctcgtga ggagcgccaa tactacttag tcgaagtcga caatgaagga      240
agactatgct gggcaaagaa cggccagcgc attgatacta cagagcagtt caaggatagt      300
atgcaaggcg tggtagcttt ggatgatccc acaccagcct tcaatgctgc tgctcggtca      360
acagattcga attcccacga ttatgctagt agctcaagtt cggaaatcttc actcgagtct      420
gaacgagaag cagacggggc ggctaagtat gcaactcctg gttacgacaa caagcagggt      480
atgcacaagg tatcacagat ttcagcatcc acgataltca acaaaatgat ggcgaagtcc      540
gttagaaaaa acacttggat attggcgccg atacaaactt tcggatgnat ggtgggtatc      600
aaaggactcg ggcgcatt                                618
```

<210> 1095

<211> 566
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(566)
 <223> n = A,T,C or G

<400> 1095
 tttttttttt tgatcaatca agctctgttt catttcattg acccagtcgc aaagcccagc 60
 atacgcatec tatatacata acctcccctc tactttttaca attgcctcat tcgtcagctg 120
 ctttgttttag gttcgggtcaa agtaagtcca ctggccaggg acaggcttct catcgaggtc 180
 ctcccagacc ttggactttt ccattgtctc aaccagcttg agctcgccct cggcaacctg 240
 gataacctcc tcgataagac cagctccgat cttctgctcg agctcatgga cttgggtcaag 300
 cggtcacatg aggtcctacc tcccactcga cttctctcatg gtccctcaaga agcttgccgt 360
 ccggccaggta gctgacatc gctcgtgcca agcaactggg agtcaaggca ccaaccccaa 420
 ngncaaaggt accacccgag gtttaaaang aaatggatcn gttttttggg ctgctttacn 480
 ggtatgcac ggaaggggga ttgcgttact tgcgggtctg ccataaatca tgcattgctag 540
 agaataaaaa acgcnccgtg aacgac 566

<210> 1096
 <211> 1773
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1773)
 <223> n = A,T,C or G

<400> 1096
 ctttccgtcc atctatctct cttttttttt ttgggtagac ttttttccat tatttctctg 60
 tcaactctct ttgcctcaac ggctttttata tccaaactta actcacactc cttttttgaa 120
 tagactttat aacagttctaa cgtgggtgtga ccgtgctcaa cgttggtaccg aataaaaaagt 180
 atcaccacaa atcgatcgat aatcaactca atcagtcac atgaagggtt catccgctgc 240
 cgttgctgct ggtgcccctg ccattgggctg tgaggccaag aactaccttg gtttcaactc 300
 tgggtgctact ctgcaccaac gagaggctaa gttcaaggcc gacttccagg ccgagttcga 360
 gaactgcccag aacctcaaga cctcccccg tgacttcaac gccgtccgtc tctacaccaa 420
 catccaggcc tactccgagg atgaccttat cgaggctttc gaggtctgcca tcgacaccaa 480
 gaactcagat cctctcggtg tctggacctc tgggtactgac tctatcgaca aggagatcag 540
 cggcctcaag aaggctgtcg ctaagtacgg ntctgacctg accgacctca tcattggtgt 600
 ctccgtcggt agcgaggatc tttaccgtaa ctctgttacc ggtgtcaaga acaagggtgg 660
 tgctgggtgt cagcccgatg ctctcggtga cttcatcgac gaattccgct ctgcctttta 720
 gggtaactcc atgcaccaag ttcccctcgg ccacgtcgac acctgggatg tctggggtaa 780
 cggcaccac aagcccgctc tcgatgccat tgacttcatt ggagtcgatg agtacccta 840
 ctacgagaa gacaaaggca acagcatcga caatgctgct aagctcttca acaaggcttt 900
 cgatgccacc gtgcgcgctt ctgcgcggtta gcccggtctg gtcacccgaga ccggatggcc 960
 ctacaagggt cctgactggg atgaggtgt tccatagcgt aagaacgctc agaagtactg 1020
 gcaggacgtt ggttgcaaga nccctatcaa caaggctccc acctctctgt acaacctccg 1080
 tgactccaac ccgacacaca agatgaagtt tggcattacc gagaaacctc ccaacacccc 1140
 cctctctgac ctctcttgcg acaagattga cgatgaggag acctccagct ccgcgcagtc 1200
 caagaccaag acctccactg gtgcttccaa ggctacccgc gatgtcact ctaccggta 1260
 ctctcgtact gctactgctt ccgcacccgg taccggctct gacagcgaag gactccactg 1320
 ctaccggtaa tggctctcng tctaaagcca cctctggctc tggctccggt tccagctctg 1380
 gtgaactatga ctntgaattt ggctctctcc gggtntggat ttttgggtnt ttctcagttt 1440
 tggttctctc gggtntggat ctttttggct ccggttccgc caccagatnt gggttctctt 1500
 gggttcttga tctggcaccc aggttggctc cagctntnaa actgacgctg ctgccgagac 1560
 ccccagcact gtcaacgggt ctgctgggtt gacctctct gctgcccata ttgcctctct 1620
 tgcctatgct gctctgtaaa tctcctaaat ggatctgggt tgaatgacgc ccattagccg 1680

tgtntttttt acttatttct cgcacccgag atctgtttct tgtaatatatt tatggataga 1740
ttacggatag acaaatgttg gctattttttt aca 1773

<210> 1097
<211> 537
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 1097
ctcgccctt tttctcttca cgcactcgt ttctgtcag gcttcattgt gaacttttcg 60
tccatacgcc agaactttttt acacctaatt ccaggaaata tcaatctata ctattccctg 120
ttgcatactt ccctcgttcg ccgagaaaaa catcaanrrt ttttttctta aacaaacacc 180
atccacaaaa tcaatcacag gatccttttc aattacaaac taggtcataa tgcattccgt 240
taagggttctt tccgccattg cngcactcgg tgtctctgcg gtctccgccg ctacctgcac 300
cagcgacgto aagggttacg agcccccccc acaatcgact gcacagttgt caagggagan 360
atcatcatcg acatcatctc tatctccagt acttctattg aatctatcga tggcaacttc 420
cagcttgana aactcgaagn tctcagcaac ctcgattctc caccctcnag aaccttacgg 480
ctcagcttca tcaacttctc gtctcggaaa actgaattcg ttacgaagggt ttcttaa 537

<210> 1098
<211> 621
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 1098
cgaaaaaggg tggacgtgct tctcaaccaa cgacgatgag tattggcctg tgcacgaat 60
catcaacaaa gacgtcgttt ggtgaattgc actgcactgc gcaaacagca ccagctttgg 120
cttcgatttc cttccctttc tccatcagcc ttccctctng gatcctttnc tttctcccaa 180
aagtctagtc cccgtacaaa acgaaggcct gcgtacctta ctacttactt acttgaactt 240
gntnggctta ncaacctttc gtgcgtgtca taatattcgc tgcgcctcag ctcttcgact 300
tcgtgcagcc ctcgatctc aaaccttgac aatttcgngc ccatagtcac gaccacaacc 360
cccatcttat ccgagccagg atcttcacag gaagaaatca tggcgctgtg tcaaaacaga 420
ttggaagagg aaaggaagca gtggcgacaa aaccatcctt tnggtttnta tgccangcct 480
cacgcaccaa aaaangtntt ctcnatgtca aaaactggga atgcggaatc ctgyaaagga 540
caaaaccaat tggnetgggg gcttttcaac ngaccatggg tttttctgaa gaatatccca 600
caaagnccnc caaatgcaaa t 621

<210> 1099
<211> 551
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

<400> 1099
acggaaatca gccatctaca caagcttcgt atcgctccatc gtgaatctta anccgcaaaa 60
ttctcttntc accaanggca nggatggtaa nccaaaatng ntggtttcta atttnggact 120

gtttaaaaaa	ctgaagggng	gacaatcadc	ctttggtgca	actacgggtc	ntgcancagg	180
aactttctggt	tggcttgctc	cggaacttct	gctcgatgac	aaccacacaan	aggggtgctat	240
gatggaacta	acaccnaagc	ggctccngat	ctgttttggc	anacaacaat	gccatgcccc	300
gacntgctac	ccgagccatc	gacattttct	cgtttggtct	ggttttcttc	tatgttttga	360
ccaatgggtc	catecttttg	actgcgggga	tcgtacatg	anaaaaatca	cattcgaaan	420
ggccagtata	attggatctt	ctccactctc	ttggtgattt	ttcccatgaa	gcctcggaac	480
tcacgcgcatc	catgcttgaa	acngacctaa	atgtcnccaa	cagctnaaga	attcttggcc	540
ccccctcttc	t					551

<210> 1100

<211> 656

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(656)

<223> n = A,T,C or G

<400> 1100

tcgaaaatac	cccgcctcga	aaccgttaga	gcttctctct	ttaacatggt	cgccgaaaac	60
tacgatgccg	tcctcaaggg	caaataccca	ggcaaagccc	atgcgaagcg	cgtcgtcgac	120
ctcattcgca	aagacgtccc	cgatgccaac	ggattatttt	acctcgagag	tcagttgact	180
cgcgatgatg	aagatagcga	cgagcccgaa	cccttcggtc	aacgacgata	cttttactac	240
ctcaccggct	gtaacctccc	cgatagccac	tttatctacg	acatccaatc	ctccaaatcg	300
acctttttca	ttctctccat	caaccttgac	gacgttatct	ggtccggtct	cccccttagc	360
atcgacgaag	ccctctcgca	gtacgatgtc	gacgagggtc	agctgaccac	cgaactcaac	420
gctacctctn	ccacctnngg	ccgnaaaccc	aaaggccttc	gctttttgcta	tcgcgaagca	480
agtctctgac	atgtgtctct	tatcgagggt	gggcaacaag	aacttggacg	tcctcaagaa	540
cgccatcgag	gngtcgcgcg	tggcaaagga	cgaatacgan	ggcgctatgc	tgggnaangg	600
ccaactatat	ntttggnatt	gggacaaccg	agctggcctt	ggcnaaggna	aaaggt	656

<210> 1101

<211> 564

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(564)

<223> n = A,T,C or G

<400> 1101

ctcgagaacg	taacagttct	tggtgacgat	gtcactgtcg	gagacgagat	ctacgtcaac	60
ggcggcagcg	ttcttctctc	taagtctatc	aaggctaacg	tcgacattcc	cgccatcadc	120
atgtaaggaa	cgtttctctt	cacgatttta	cgttctacta	caactctggt	ggaggacaca	180
ccagcacatt	ttctatctac	attataatct	cacgcacgac	atggatgagg	aaaaaggaaa	240
tcgaacaaaa	ttcaccactc	tcggaaggta	tactggccac	cttttttata	ctaaggcggc	300
ctggcgggaa	agaaattaaa	gagcctgccc	ggctatctat	cttaataactt	ttgtgcagtt	360
gtctcctatgc	ccctattatgc	gtgttttatc	ggcgtcagg	tcgatattta	caggaggcag	420
gtaggcgaat	aagccattga	aggacaagac	aagaacatgc	agtttaagcag	gcaggyttta	480
tggtagcgtc	tgaggaagcc	gtgtgcaatg	aatgcttttg	ataccagtta	ttgaattaaa	540
gaangtggtg	caataccatt	tgat				564

<210> 1102

<211> 638

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(638)
 <223> n = A,T,C or G

<400> 1102
 gggggacagc taccgttgac tacacatata cgactttgtt tttatacaac gacaaagggtt 60
 tctcctcttc gaaaataagc cgaatcgccc aattgcgcca atttggtttg cgcaaaaaca 120
 atcgccatca tgaaattcct ccttcccgtt ctatcggtca gcgctgctgt caatgcgctg 180
 cactttcttc ttgacggcac aactcccaag tgtttctacg aggagcttcc caaggatacg 240
 cttgtttgctg gacactacac tgccgaggag tgggacgaac gagtatcagc ctgggtcaag 300
 cagcagcgaa tcagcatcta catcaacgtc gacgaaatct tcgacaatga ccaccgtgtt 360
 gtctctcagc gcggtctatc ctccggccgt ttccacctct ccgctgccga tgctggcgac 420
 cacaagatct gcttcaaccc atcatctaac tccggccgta ctcatggctc tctgccaaga 480
 anccaatggc ggatcaagct canactcgan ctctgtattg gngagaccaa ccagattgag 540
 ancaacgaca agggcaagat caggatanta ctcccgtgtt taangncttc aaacgcccgcc 600
 ctggctgata tccgaanaaa acaagggttc caacgtga 638

<210> 1103
 <211> 624
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 1103
 canacatntt atatgatcag gtccgaggagc tgctgcgcaa ggctgancan cgccctgaaag 60
 atggctctgn ttctgntatc acagcaacca ccacctatnc tgctgtantc ccagccctcat 120
 gctggcgacg ctgtgacata tgtcacgcaa naaaagtctt ccaacagctg cancaataaa 180
 gatggctctga ctgttcagan cacctcccca accgctatcg ggactcaaag tcacggaaaa 240
 gtctactgca ggctccgact ggttcgatct tcccaagacg aacatgacc cctgaattca 300
 agcgagagtg gcaagtcttc cgaatgcgag gcatcctgga tcttaaacac cagtaagaag 360
 gcccttcgcg ccgagcgctc ctgaataactt ccaagtgggc caagaatcat tcggggggacc 420
 taaccgagtt ctttagcgca aggggttgacc gcgcaaggag aggaagcaaa acatccttga 480
 cgaggteact aggggtattg ataactcaca gttcaccgac aagtacgctg gcatccaaaa 540
 gcaaaagtca agcggaaaga aggcgtttta caagaacgta gtacgcgacac gtcgcaagcg 600
 taattaataa taattttatg cctt 624

<210> 1104
 <211> 527
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(527)
 <223> n = A,T,C or G

<400> 1104
 aggcgcgacg cctcaagaag cgagaagctc gcgaggccgc cgaagccgag gacaaggccc 60
 anaanaagca gctggagaat gtcattggcca acattgggtga ggatcaggct gaccatctgg 120
 accactttga catgaacgag attgtccgag canaaaaggc tcaacgcaag aaggggcaagg 180
 caanaagaa ggccttggaa aggganaccc gtggcggtct tcaggaagac ttcaagatgg 240
 atacgggtga tgaccgttcc aaggctgtgt ttgagagtca ccagtatgac attgatcctt 300
 cgaatcccaa gttcaaggct acaaagggca tgacgaanct gctcgaggag ggcagaaaga 360
 agagaagann tgtggaagag gaagatgatg cncctaaaagt taagaaggcc aagaagggac 420
 gaaggtgagt tgagttgatg taatgtaaaa ttttgttga aaatcgtctt ggagtttaggt 480
 gattaaaaag ttggtntttga tancccatct atnaagcatt agttccc 527

<210> 1105
 <211> 511
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

```
<400> 1105
gaccaagtga aacaacaaga acgctgtgtn acacgaactc agttcgttgg aaactttggc      60
gaaccagtga aacaccccgc atcgaacaac ctatccagca gctcatgttt agaagcctcn      120
gtaccgaaac tcgtctctga ataaaaacaa tctgaaacga actccatttt ctattccgga      180
tcttttcngg taaganaaca gccgtaaaac gcaagggtgt gtctgtcaaa aaagtccatc      240
aartggttga tcacaccaca ggccggtttc cacagaaacc aaaatccalc ccccccngaa      300
acaancatgg ggtngtacag gtcaaagtct acnaacttgg tggaaanaaa ctcngtatat      360
caaataatcc ccgcgtctta ccaagactcc accggttctg gggttngtga tctcaaaggt      420
atcatctctc gagttgacta ccttaaagac ttgggaattg atatcatatg ggtttcaccc      480
ntcttcaaaa cccnccggtc natntggggt t                               511
```

<210> 1106
 <211> 630
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

```
<400> 1106
cactgaaccc cgattaccct agagacacgc aaccaacacg acacttataa caacatttcc      60
caacctaaag ccgtnattat ggcggccaac gatcagcaat ccgacatgct ggaagcgtg      120
caagagattc agcgcaactc agccctactc gtgaatgctg tcgagtcact ctctggtaga      180
tcgatcgacg aagctactgg agatcatgcc aaggacaacg ttctcgatat tggttctagn      240
gaggatgccg atgagggcga aacaccttca gtagagcttc ctattgtctc cggagacaaa      300
ttgaaagctc ccgagggccc taccgcogtc cagcgccagc aaggtttcac ttcgcgcac      360
atcttaacga cttacccaaa gcagattgga attaacccct tgcctatgga ctggggtaac      420
tcacaccctg ttaagcgtgg ccaatcgtag tttcaagggc tgctactact attcgacgtc      480
gtaatgctgt tggagcccat gggggttctt actcgatcta ctatgcactt gcagtcgcca      540
gcaaggaggt ggacagggat caccgccccg ntttaccac accgagccng gcggcaanat      600
tggncctttt ctnaatgggg aaaccaaaat                               630
```

<210> 1107
 <211> 585
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(585)
 <223> n = A,T,C or G

```
<400> 1107
gaaattctcg gccgcaggaa atttnttttt tttttttttt tttttttttt tttttttttt      60
gttngaaatt gttgaattcn cncctcttagc cncgcgccac tctataggcc aggcgcgtanc      120
cttattgcon cggacccaaa ttgtataatt acatttgctg atctgggttc ccttccgtga      180
accactcgct ctaagccatc gtactattgt ttaaaaaaag cgtgtttcca gcttccaggg      240
```

gttggttcaat	tcgaacccta	agggtgcctc	tggtttgtct	gtttgtcctc	gtananttcc	300
tgtaanacaa	cggtcacgtt	ccatcatttg	tctatcccgc	cgtcnaactg	attgtcagca	360
ttggttgctct	ccagcgaaac	aaaattgaac	ttgtccaggc	ctcgatgctt	ggcagtatcc	420
tttctaacct	tcttcttgtc	atgggaatgt	gtttcttggt	tgggcggcct	cattcaccga	480
ggctcgtctg	gcaacggaac	caaacagggt	ttctctcag	ctactgcca	anaacctgct	540
ctcttatnac	ctgttcttcg	gcctccttgt	cattccaact	gcttt		585

<210> 1108
 <211> 635
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(635)
 <223> n = A,T,C or G

caagcttcga	gatgcaactc	tacttacaat	aactctcggt	ggaaacttct	tgccgaagct	60
ttctccttat	tctgagcttg	agtgtcggca	agccagggtc	ttaacattac	ccctcccggc	120
tcttacgccg	acctaccttg	acagatacat	tatacagtac	tcgtacacat	caacctattc	180
accatgaacg	tacgaccacc	catcgatgtt	tcaggctccg	aggctgtctt	gtccgtttct	240
ttcaacaatg	atgcgagttg	tttctctgtc	ggccttgatt	ccggtatttg	tgtctttcat	300
accaaactct	gccttctcaa	agcctcaaga	gatttcaatg	ccggcatcgg	cctcgttcaa	360
atgatgggca	cgactaatta	cctggctcta	gtcggcggtg	gcaggcccc	caagtttgca	420
atgaacaaag	ctataatatg	ggacgatatg	aaaggcaagg	gtgctctaaa	aatcacgact	480
ctcacagcag	tacgcggtgt	tcaactgggt	agggaaacgta	tcgccgttgt	cttgcaaaaa	540
caagcgtccg	gggtactctt	tcactaaaca	tccagatcta	ctttatatat	accaaactgn	600
aaaacaacct	tgcanggcct	gtgctntntg	tcgaa			635

<210> 1109
 <211> 390
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

acgnngatcc	actactctgc	cagatactca	gacagtgaat	atgagtaccg	tcacgttcag	60
ctcccaaagc	catgctcaag	gccattccca	aaqattacca	cgactcttta	aagggaactc	120
ctaaagcttct	tggggggagg	aggaaaanggc	gagctttttg	gcattacttn	aaagtcclagg	180
atggggacac	taccgaagtt	caacgagcna	gaaccacccat	ttttttttta	agcgcccgtt	240
caactttcaa	cccctnagna	atcgatagat	ccccacgac	tnanattccc	ccttaaagga	300
ccatacatat	ttatngcccg	gacccacctt	aatggggggt	acactnaacg	ctaaccaagt	360
tcgttatcgt	tcnggatttt	taccccgttg				390

<210> 1110
 <211> 578
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 1110

caattccaaa	tctataaact	cgccccgagc	caatgcttca	acccttaacg	cctatgatat	60
gcttccatga	tcgtacagat	taaccttagc	agtattaaac	aattgaagtt	ccaatcagtg	120
tccccacaag	ccagccgcta	accgtccctc	ctatcgctat	tcccgtttgg	catactccgt	180
gagttttcat	gtccatcatg	ctgcatcaca	tgcagttagc	accatagccc	tgccagatgg	240
catatgctta	ccacgatcct	acggccccgac	tgcagttagc	acatccctgt	gtgtacccat	300
ccgcaaaagc	tgccatgggt	tcacaccacg	gccttatgat	gaaaactgta	tttccagtc	360
aagcgctccg	aaaggcttgt	caagcttctc	caggctcgatg	ctactaccca	agctgaacag	420
gaatgatttg	gccccccctt	cccacagcac	ccctattcgc	atgttttggg	ccatccgggt	480
tttgagcact	ccagcatatc	tctcctctcc	nggcttttct	ggttcggtct	cttctttcgg	540
ggcggggant	aggaagcaac	aatggcttta	cagcaact			578

<210> 1111

<211> 611

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 1111

ttgcaacatt	tttttgatac	ttattgcgaa	acctgctata	actactcata	cttttttttt	60
tgtgactgag	ctccattgta	tcatatccaa	gcagcatatt	acaagacact	tatcttnatt	120
atgcgcggca	tccaaatcac	cgaatatctc	aagggccctg	atcagcttca	ggctactgac	180
ctacccgatc	ctaagccctc	ggaggatcaa	tatctcatcc	aagtacacgc	cgcagcagcc	240
aactttttcg	acattttaca	gatccaagga	aaataccaga	accagccccc	atttnccttg	300
gttgccggcg	ccgaattcgc	aggcacaagt	tatcgctacg	cctgtcgatg	gctccaagcc	360
caagttccct	gttggtatgc	gtgtcttttg	cgcgtctcag	ggtgcgtttg	cgacccaaat	420
ctgtgctatt	gaggacactc	tgtgtccagt	tcctganggc	tggtccttta	angaagctgc	480
tggtctgttt	gcaccgcccc	cacaagttac	ggcncactgg	ttgtganggc	agggatcaaa	540
aaagggcgac	tattttctgg	tccatgctgc	cgcgcggggg	tgttggtctt	gcggttggtt	600
aaggncaan	g					611

<210> 1112

<211> 340

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(340)

<223> n = A,T,C or G

<400> 1112

ttctgcacag	ctgaagtcac	tgagccgaac	tggaacaagt	tcattgtctc	tttaaagaca	60
aaggatgaga	atgcggattc	aatctcggga	acttcgacac	ggaccgtaga	tgagcttatg	120
caggaccatg	tgcacttctt	ggatacgtgt	ctcaaggaat	gcattgcttac	caatagtaaa	180
ctactaagga	ttcactccaa	actcatgcag	acgtgcacga	tcttcgccgc	tacacnaatn	240
gggtcccaag	tgagctcnaa	aagncanacc	acnactttt	aggncccaaa	aaacctaac	300
natgaagagg	gatnagggga	gccttnccnaa	agaaaaaagg			340

<210> 1113

<211> 706

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

```
<400> 1113
tttgatecggg attagtctcc tcaagtccecg acttncacca gccaaaggacg caacgggcaca      60
ccccaaacttt atgatcttca agagcctgcc tttcctgttc actaccatcg gcgtcttcct      120
gctcgaatttc tcaactcttca tccctctcgg atacatctca acgtatgcgc tgcacaaggg      180
cttcggaaaaa gatttttcat ataacctcat cccatttctc aacgctgggtt caagtcacgc      240
gtcggccttct tccgggttat tatgccgatg tgatecgggcc tttcaacgtc agcatcctcg      300
ccgtcatcctt tgcacgcgtg catgtttctg cgtatggctt ctctcgggtg aacgacagct      360
ggcgttatca tcttcgccgg ctcttcgggtt tctcctctgg tacttctatc gcacgcgacc      420
tgtttgcatg gggcggtgtg gcaagaccca ggagtacgga cgatactatg cgacggcgta      480
cacgaatngt tcttttgctg gctgattggt attccatcgg tggcagtatt gtccaagcca      540
atggtggcga agtactgggg actcattatc ttaactggcg ncanttatga nggtctatga      600
nctcgtcgtt cttggggcaag gtacccttnt tgggctgnac aantggaaag gccgcctttt      660
gactactcaa aagccgacgc atatttacia cggggccctt ccaaaa      706
```

<210> 1114

<211> 556

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(556)

<223> n = A,T,C or G

```
<400> 1114
aatgctttcc agggcttgag gttatgtacc tcttcgcctt tgagacaact tcgtgcgcgc      60
ctccaacaaa cgtccaagac gctggatgcg acccgacgac tccaaaatgt ccgagccttt      120
tcgacnacct caccgatgct gggcagctgg ttggaaccga atctgaaccg aaagaagaan      180
atggccaagg gtcgaccgag ggtggttcta ccaagggtac aacggtgctg      240
tttggcgaat ggggtctccg aatgacggat caccaccgaa gaatcagcgc aaagcatcta      300
aagatgccga ngacaccatt aaagtgcgac ttcgaggaca aaaataccgg ctatataagc      360
gaaagaactg taacgttggg gtttacntca gcgtaatga tatgcntatg ggtnaaggta      420
aggggtcttt gaccattggg ccaccgaatt tctgttacca aattttgttc gaaatccgaa      480
gaaaacttca caaacagggt tnaaggatcc ttccgcctng ctggaaacaa actgcctggc      540
cagtgggaat ttttaa      556
```

<210> 1115

<211> 815

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

```
<400> 1115
caggataatn ctctctcggg tctcccgccg aaagctcagc gttggaatcac aattcgacag      60
gacactcaat cgcagtccca acttagtata tatacgcgct gaalcggtat tattcacaag      120
cgcaaagaga caccgaccgag ggacctagaa ataaaaagca aaagcaaaaa gcaaaaacaaa      180
ggaatatcga taggtactct tatctgcaaa attacgtctc tacacgtcct cgtcacatat      240
atcgtcctcg ctccggacagc tactgcagct gccaaactcaa aaaagagact tccaatccaa      300
naactctcag ttagggtgta caatctctct cctccgacct gtcacttcta ccggccccac      360
gctgctaccc cggagctggt cggcctcgtc tctcttcgta aaacttnggt accttcgtca      420
cgagatcata gacatatatt atagcagaaa tgtcgcacgc tgaggadaag agcgagactg      480
ccggcgagggt cgaactttggc gataacatcg acatgctcac ttccagccaa atcctggaga      540
tggacgancc ggatgattct gaattcagtc aatccattgt gttcggggtt ttcgaacagg      600
nagangagac ctttgaacan aattaaggaa gcactggaag aagaggatct cgagaaacta      660
```

tcttctcttg	gcactttctca	aggggttcac	ggcgacacta	ggactcgtca	agatcagggg	720
tggatgcgaa	gcgatccagc	gataccgcaa	gaatgaaaac	ttggacggnt	cttcgcaatt	780
ggacaacgag	aaatgtgtga	aagctcatgg	cgaat			815

<210> 1116
 <211> 587
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 1116						
aagaccacca	ggtcgtctgc	gaagctctcg	gggaatccaa	attcaattac	cttggtcttt	60
cttacggtac	ccttctcggg	tatacgtatg	catacctggt	cccaagctct	gtcggccgaa	120
tggctctcga	tgctatcgtg	gaccactcgc	aatccgagat	cggagctctc	ctcgcagagt	180
ctacaggcta	cgaatctact	cttaacgagt	tcttcgattg	gtgtgacaga	aactctacct	240
gtgctcttca	cggcaagaac	tcaagtaatg	tatgggacca	ggtgctctcg	cgcgcagact	300
caaagcccat	accagcacca	ggctgcaacg	gcacatgtcg	ctccaatgtg	aacggcgaag	360
agatccgtta	caacgcacaa	agcttctctg	cattccaata	tctcactttc	ggcctaactg	420
gctcgatctt	gcaacctctc	ctccagctag	cagagcaacc	aacagctcta	tccacaccac	480
cctaattccg	gatgtcgana	ccnaccggtc	cgttacaata	tctcccatgg	agtcanaacg	540
ctccatctaa	aatcgtgatt	anengaaact	tcaccttgac	ttgccac		587

<210> 1117
 <211> 447
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

<400> 1117						
gacattggta	gcgaggactt	cactctttatc	tgcgactgta	gtttgaatgc	tatgtttggg	60
tctagctctc	agcttcgtgc	cgctacccag	ggcaaggggc	agttcagcat	ggaattcagc	120
cactacgctc	ccgccccccc	tcattctccag	aaagagttgg	tcgccaagca	ccaggetgag	180
attgaggcta	agcgaaccaa	ataaacaagt	cgcaggactt	ggaagagaat	tgctagacac	240
atcagagatg	tgatggccga	ggcgcaatcc	atattgcgcc	aatgtacaat	acaaatgaac	300
gggtctatga	tcttgtaata	taatgtcaca	acgactcctt	acnaggggtt	tagaggtcca	360
cgacagatag	atgagtagta	gaatctggat	gaggggtgcc	ttgtnataca	aggcgttggg	420
aaagtggaca	aatatagggt	tcantnt				447

<210> 1118
 <211> 672
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 1118						
tctgaatcac	agcactcacc	gtccttgctc	actgctgccc	atttgatggt	tgaagaaatc	60
aaagttgaaa	ggcttcttat	actcaaccga	ggtttttagt	ggtttcagag	agaaaataac	120
gaattcaagc	tatatattca	ttgttttggt	gcattctcct	aaactccctt	cccccgctc	180

aaccctatgt	tgcgcctgt	cgtttccatc	atgacatcgt	catccccgaa	acgtttcata	240
ccgttaaaga	agagaaacca	taatcttcca	gccagcactt	ccagccttcg	aggtgtggtc	300
tttgatatgg	atggcacact	ctgtgagcct	caaacttaca	tgttcaagga	aatgagagac	360
atattgggga	tcaacaaaaac	aacggacatt	ttggaacaca	tcgaaacact	cccaacatcg	420
gagcagtcag	aagccctgga	atctatccgc	aacattgaac	gaaaagccat	gaagactcaa	480
actcctcagc	aggcctcatg	acccttatgg	cgtatntggc	accaacgcca	tcccccgaagc	540
aatctgnact	cgcaactttg	acgntcctgt	ncaaaattga	tggacaagtt	cttgagggct	600
ctcgnntnat	caattgtcac	acgagaattt	cgncacccaa	accgatcctg	gcggnatttt	660
gatattggcc	ag					672

<210> 1119

<211> 592

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 1119

ggactcttat	gccaccaagg	catcgaatct	caagaaaaca	gccattcttg	catcgaaaga	60
ggccaagcga	tggcaactgc	gaacaaacaa	aggcaccaag	gatcttcaag	ctcgcgcgaa	120
acgtgtcatg	cgtgatatga	tgggcttttg	gaagcccaac	aagcaaaagg	agcaaaactt	180
gccc aaagct	gccccaaagc	aggaaantca	aaaaacgctc	caaaaaaaaa	gccgaccgtg	240
aaagccgctc	gtcaaaaagaa	aaaagcttaa	tttccttata	tctcagaccg	agctatactc	300
ccacttttat	cggcaagaaa	gatcaagacc	gacgaagggt	gaacgaaagt	ncagacaacc	360
ccgacgtcgc	caaggatgcc	catcatgccc	aaccagaaaag	atgcttgaca	ttgacgancc	420
tactggccct	gttatcggga	aggtcactaa	ctttgaaaaa	cctcgatttc	gaaaaaagta	480
gtgatgaagc	tctcctgtgt	gctgccatgg	ccaacgctca	gaacgccatt	gcagaaggcc	540
agaanaaagg	tcgcgacttc	acaaccaagg	nttggacatg	gatgatgaag	gc	592

<210> 1120

<211> 806

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 1120

tggcaataga	aacaaaaatc	tgcaacatat	tttattgact	ttatgtgaat	tgtttttgc	60
tctaaaccat	catgattctt	atcagcggcg	tttgtctcgc	aaagaccgtc	actagttagc	120
ggttacacac	cgagcaaaag	aggcgacggc	atcgccctgc	taggagagta	aactctccat	180
taaccaaatc	aagtaatgaa	actacgagtt	tcaattgata	aaattcaaat	aatcaagcgt	240
caacaatatt	aaattcttga	agaactgaac	tcatttgact	ctcaccctac	acttgactac	300
cttatatata	acgagcgaat	tacccgagct	ttctgcgaca	ccatcgacca	aaacgatctc	360
acttttacc	ttgaagacat	cgtgaattcg	atgcgtcatg	tctcttggag	aactttcaag	420
cagcccttca	gcttttttagt	agtcocaaaga	gcctcgttat	ccaccatggc	ttcgtccngg	480
cgttgctata	atgaagcaat	tgatgcgctc	aattccttca	aactcctttt	gatattattg	540
aagctcgcag	gaaagctggg	ataaaaagccc	aatgctgtat	caatccaaga	gatgaagaca	600
tatcttccat	gnatcngata	tactncatct	gatttgacaa	actcaacatc	gtcatgtggc	660
aggaccaaag	gcnaagaggt	ccttggcatt	ggcgactcca	tcttttttaa	tatnagcacg	720
caagaggcca	ccttacaata	caggcttntt	atatnccctt	acctaanaact	gnccgggagc	780
gcctcgtata	anttgaaccc	tatnta				806

<210> 1121

<211> 535

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(535)
 <223> n = A,T,C or G

```
<400> 1121
ctctaagtca tgactcccct gtacaaaaag acccttgtgc tcggtgcctc atcaggcatt      60
ggggaggccc ttgccgcca gtcctatgcc acaggcacca aagtcattgt cgttggcaga      120
cgacgtgaga atttggaaatc ttttggtagc aagcatgggc acaaaaatgc caaggcagtt      180
gtctttgacg tcaccaatct gtctgtatc aaagacttcg ccgagtccat catcaaactc      240
gaccagatc ttgattcggt cgttctaaat tcgggcatac aacgaggctt tgacttttgc      300
aaccctgaat ctatggatct gagtgttctt ggcgacgaac ttaccacca ttatacatct      360
gacgtttact taactgcagc gttttattct catctaaaaa aacagccagc ggggtcatctn      420
atctacgcag cgtactcttt ggnetgattc ctctcatggg ggcacgcgc aactataatg      480
cctccaagnc cgcacttnat acctttatnc tcaatgcgcg taacaacttg tcgat      535
```

<210> 1122
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

```
<400> 1122
gtgataacgc tcgagcacgt gaggtctctc gccagtgtct acccgaacca cttcgcgatg      60
ccaccctttc ctctgtttct cgcgacgatg cagcaacca gagatgcctt gccagctac      120
tcataacct atcgataat gtctacacc ccaatgggtg cggcggttcc agcatgtaaa      180
aaaggcgacg ctaatatctg ggagactcag ttctccttgt tgtgacaata cccttgtgca      240
ttgatacggc gattgatgaa ggacggttga attttattta tgatattctg ggaaaagcga      300
agggatcaaa agcatgttgc atcgtttgat acccgcaacc cttccggctt aatgcgcaga      360
gagaagaccg acattccagc agagcgactg gctgncttnt cttccaacgt cnccgctgat      420
ggttatgggg cttgcattct gtttcacata tctcgaaact ggatcaaaa gcttatatcg      480
gtttgccatg gaacaacact gccacaataa gggcctctgc tactcttgtt tccgccttgg      540
atctcgcccg ttggacccaa accataangg accttnattt tngaatggg ctccgcgtga      600
atatactcaa ggaanatcta nggngnga      628
```

<210> 1123
 <211> 612
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(612)
 <223> n = A,T,C or G

```
<400> 1123
ataggacgtt ttttttttgt ttttttaaca tctctcgaac cttactgaaa tctctggtct      60
tatagtaacg ntattatoca ttcttttqaa cctcactctc ctcaatcctt ccacatggc      120
atctccaga accatgtcac ggacattggc cgtctcact cggcctgtca cggaaacatc      180
atcccgagca gttccacgat ggactcgttc aatgggtcact aatcgatctc ggattccttc      240
catatcttct ggattgcgac caattgcgca acgacagcgc atcgtaaga cagcaacgcc      300
aagcctcgtt ggcacggta gggcggtccg aaccatcttc atccagacgg agaatacccc      360
gaacccagat ggcctcaagt ttctaccaa ccacagattt gttcccgag aattctctac      420
```

gcccttcac	gaataacctca	accctcgagc	aacgatctct	cccccgcatc	cctctcctct	480
agccgctaag	ctcatgaata	tcgacggagt	cacttcggtc	ttttatgggtg	ccgacttcat	540
aaccgtcaca	aaagctgccg	acgccaaactg	ggcacatatt	cgccccgaga	tanttgcact	600
cattacagaa	ac					612

<210> 1124
 <211> 631
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 1124	
gtgctgttga	tatggatgaa aagaaatcgt cgtctccgtt tgtcgggatt cccgatggccc 60
tnaactgccc	gcgtaaccgc tactntatng ttatccttcc tcgcattttc accatcttcc 120
gcatccagcg	atttcagtga ccggtccac gataacatta tattacctcc tgggtccagnc 180
cttccatcan	ccccgaaat tctgaacct gcggagcaca cgttcagttc ccgtcacata 240
taccatcatg	gtacccatct ccatectanc cttcatngga agcgggatgt catccatgac 300
cgagacaagg	ttlacctggc tgcagaagac nattttgacg aatatgatat tcttcgattg 360
aaagccaaga	gtcnccccga gacaatccaa cntttatctg atcgaaggcc gtcagttgtc 420
naccccatgg	tggttgagtc ggcacagcga ggatacncag ctgtttcttga tgcacagcg 480
gggaccatgg	atcaagtttc atctcctgat atcaangata aaggacactg gtctcacctc 540
atctnttatg	actgccaaag catacgtcna ncatgatact gatgcctatt gggangatgt 600
tggaaaaccn	atggaacccc agcgcctntt t 631

<210> 1125
 <211> 689
 <212> DNA
 <213> Fusarium venenatum

<400> 1125	
cccaaagcct	aacaaagttc ctaaacaact ttccaactac taccaaataca cacatttttcg 60
agtaattcct	cgtcttcaca accgacaaca tgcttttcac cgctagcgac atctgcaaga 120
tcatecttgc	catcatectt cctcccgttg gtgtcttctc cgagcgcggt tgtgggtgccg 180
acttcttcat	caacatcttc ctcaccattc tgggtttacat tcccggtatt atccacgctc 240
tatacatcat	cctgaagtac taagccttac cgcacttgac ttctcagggc tacagcgcat 300
cccaaattgg	ttaatgagta ccccgcttcc caacaaccga caacaactgg tcagccatcg 360
gttgctctgg	accaagcgac attctgtctg acagccaaga caccaatgac tgcctgttca 420
acggggtacg	cgcattcgcc cgggaagtttt gtgtttctgt ttgcgcaacc ttggcttcgc 480
tttgatacct	taagcgggtg atcccgctt acgagtttgg acgcccattt tatgacaggc 540
atggacgcga	tgcgatacca gtctccttatt ttctttgggt tatttgcgga tggaggcgca 600
tgtctggattg	gctcttaagg cataatgcat tgggcttttt aagtaattaa ttcgataccc 660
gtcaatccaa	cgtttccttg acatcttaa 689

<210> 1126
 <211> 474
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 1126	
caagaaaccc	gtcgtgcga ttgagtcctt catcgccctc ctaaagccc aaccttcaac 60
caacgtcttc	gagatcctcg acacagtcaa agtccactcc gatcgccctc aggcctcctg 120

ctcgaacccc	gtgcctctat	ccgcgcgaac	agatctcttc	ctccagtacc	tcgtttcttc	180
tctccgacaa	caagatggta	gcttcgacgc	cgtgaggcag	catctcctcc	gcaacggacg	240
cctttttgcc	agcgtgctaa	tgcgcgcgca	gagggtatcg	cggatgcagg	atggaggctg	300
attctcgagg	gccagtgcac	tcttacacac	ggtgcttcgc	ggccgttggt	ggtatcctgg	360
atcgcgctgc	taaaaccttg	gtgctggcaa	gttcaagggt	tctacgtgcg	cgangaaccc	420
gtgtcgagga	gagcgatcgc	gtatccgtga	gcttccttaa	aggaattcc	cgtc	474

<210> 1127

<211> 454

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(454)

<223> n = A,T,C or G

<400> 1127

catcatgggc	tgtaacaatt	tggtgaaggg	acgatgggtg	tgtcacgaag	gaggggaagtg	60
gtattttag	gtaccttgaa	cnacacaaat	atgaggtana	tattgtatca	ggcgctnttc	120
tgcggtcact	gtgcagcttg	ccacaacccat	gccganaatg	tctgccacag	nggtggcttc	180
ataggcttga	gcggaagcgg	tggagggtta	agcnaagctg	tttgcgtaaa	tgctacacat	240
gtccatcctc	ttcctnnaga	tctgcctctg	gagattggag	cccttggtga	gcctctctcg	300
gtttcttggc	atgcgatggc	cgcggcgcca	ganatcaatc	ccagttccaa	ggttgatgatt	360
ctcggagggg	gcccattgct	ggccatgatt	ttttgtnnta	aaacaaaang	cgtcagagaa	420
atattnttta	gagntgctca	tacnacana	tttg			454

<210> 1128

<211> 441

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(441)

<223> n = A,T,C or G

<400> 1128

notttcaacg	acctgttaca	tacgcagcct	gcttattttat	taattaatta	acgtcatctt	60
cccacatgt	cgactctcga	ggagctcgat	gatctcgacc	gccgagacan	ggaggacaag	120
aagagagaag	gcgacgacaa	gaaccagaag	aagcatactg	ntggcgacgc	cgacatgaaa	180
gatgctgaag	aagaggatga	tgatntcctt	gatgaagaga	tcctnggggt	tagcacacaa	240
gacattcana	ctcgcaagcg	tctgcttgag	aacgactccc	gaatcatgaa	gagcgagctc	300
tctcggttat	cgcgatgana	ggctgctatg	ggcgaaaaga	taaaggaaaa	tctggacaag	360
atcgccaata	acagacaact	cccacctctg	gtggtaacgt	tggtgagttg	ctcgatctcg	420
accaactggc	gaatcatcag	a				441

<210> 1129

<211> 501

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(501)

<223> n = A,T,C or G

<400> 1129

cgccagagta	gccaagaagg	ttgatgtgcg	aagactcaag	gangaattgt	ggaaggggtat	60
ggataatgac	attctcggga	aacaaccoga	accttcagca	tcacctgacg	gcgatttcaa	120

acaggaacag	ccactcaagt	ttacagaagt	catgaataac	ctgcaaactg	tataccccaa	180
accgggtatg	gatgacatct	ctacatcgta	ctgtttcctc	tgtctcctac	atctagccaa	240
cgagaagggt	ttgatgattg	agaatacgcc	tgggtctgtcg	gagctggaga	ttcgagggga	300
ttggtcggcg	gagattggtg	atggcggaata	gtaagancaa	ttttagactg	cttgggtgtg	360
tctatgtttt	tgggggatgg	tttacttgac	nagtcatgan	acacctgcag	acttcattcg	420
aaaaacatct	agggaangca	tggaanataa	cctgatgata	tcttgccent	tngggaanaa	480
atccaaaata	ggccacattt	a				501

<210> 1130

<211> 625

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 1130

atcaaccttc	acgtatcact	ttcacccgac	accgcgacga	cttccaaacg	acatcacgac	60
aaactgaact	gaacttcgat	atthagngag	gctcttttag	gagagaccag	ccctgggtca	120
gcaagatata	ctctacgaac	cgaangggca	ggcaagctag	ctagctgtgc	acgtcaccca	180
tattccccga	ttctaccgac	accacataca	caacagccaa	catgagtaac	gacgctattg	240
ccgactttct	ctccgagcag	agagatgaag	ctcctgaaga	gttgcagcct	ctcattctcg	300
acttngagaa	cttntgggaa	cgaaagctct	ggcaccaact	tactgatgcc	ctcgtcgatt	360
tcttcagcca	tcccagagac	gccccccana	ggctacaatt	ctacagagtc	tttattctca	420
agtncccgca	taaaatcaat	caagttgaag	cttgnggacc	tacattgaag	gcggcaacag	480
agtgcgatga	ggacgaagag	cccctttctt	ctacaatcgg	tcgccnaaaa	nggtgacaac	540
ganaaatttt	aaaaccttcc	cttttttntt	taantggcgg	ggcccaacca	aaagnttaan	600
ttggaggaaa	taanacgggn	cgcnng				625

<210> 1131

<211> 537

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 1131

catcactcaa	gggtctatct	aaaccttcac	taccggettc	ttcttttattg	ctctactcaa	60
attcggcacc	tcataatcct	caccccgcaa	aatacaaccc	cagtttcaac	attcgagctt	120
attccaagtt	cagtatgggt	agcactcagg	acatgacccc	gggaaagccg	gtcctattct	180
tcgatattga	caactgcctc	tacccgagaa	gctccaaggt	ccatgacctg	atggctgac	240
tcattgacga	gtactttctc	aaacatcttg	agcttcttgg	gacgaagcgg	tcaaactaca	300
caaggagtat	tataccagct	atggcctggc	catagaagga	ctcgtgcgac	accatcagat	360
tgcgcgctcg	actatacgcg	aaagtggatg	acgctctgcc	ctcgaangca	tcataagcc	420
catccttgac	tgggtgagct	ccctaggaca	tcgacaagtc	caggtatttg	atanttttac	480
aaacgctttg	taaccatgga	agcngggncg	gctttggctt	caggnatttt	acggcta	537

<210> 1132

<211> 383

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(383)

<223> n = A,T,C or G

```
<400> 1132
tttggcaana caaagctcat ggccaaggcc cttgggcana ctcccagagga ggctatcgct      60
cctggaattg aggacctcaa caaatacttg accggcaccg tcggcctgat cttgaccaac      120
cgccccgccc aanaaatcct ctcttacttt gagaacctcg ctctgtcna ctttgcccg      180
gccggcgccg tcgccaccgg agactttctt attcccactg gngtcgctac gctactgntg      240
gngaggttcc cgccganca natgtttctt tggcgcacac catcgaaccc gagctggnac      300
gttttgggtg tncctacccc gtatgaacaa nggcccantt tttnttggtn accaagggtg      360
gtganggtga agantacact ttt                                     383
```

<210> 1133

<211> 448

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(448)

<223> n = A,T,C or G

```
<400> 1133
atttcaagct ccatctttct tttaacattct cctccccgct gcgtccccgt cttgtttggt      60
ttctttcttct atcccatctt cattagttca tctcaccaca agaatacgta gaatgtctga      120
cgaaaacttct ctgcgcgctt cggccaagca ccctatcggt cctaaccatg tctacaacta      180
tggcactgct ggggttcgca tgaaagccga ccttctcgat ggcgtctcgt tccgtgtcgg      240
tctctgtctc ggtctgcgaa atcgtaagct caatggccag gccattggtg tcntgatcac      300
tgccagccac aacccggcta tcgacaatgg tgtcaagatt gttgaacca nnggtgagat      360
gcttgancan gaattggagg ctatnccnca agcttgtcaa ctctccttct gatcaggact      420
ctcqaacaact acaaggnnet gggtacca                                     448
```

<210> 1134

<211> 639

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

```
<400> 1134
ggcgaaccaa gatcgatctg tcttggtgag aatcgtnnga agagcanaga gtcacgaatt      60
tgggtatctc gccaaaggtg ctgggtgaac tcatgaaaga gggcattgtt ccgcagaagg      120
aagccgatct gagcagctct acggctgttt tgagcacggg gatggtattg aaggaacagg      180
tctttgaatg gttttacgat ggggcttttc ctaaccacat caaactcgcc aacttttcag      240
ggggtacaga tatcgccgcc tgcctcgta tggagaatcc tctatgtcct atctacgctg      300
gcgctgtctc tggaagagtc attggcactc ctatggccat ataccatcc tcggtgatec      360
taacaaaaac aatctcccca gtcccagacg gtgaaccang gagatttang taggaacagc      420
ggcttttcca aacgtacctc tctatctggt gtaacgacag agtcccgctc caagcaaaaa      480
gtacacttca gctactttg accgattccc tgggtgtgtg tcacaanggc galtttgcan      540
gngctccatc canagactgg gcatatccat atccctcggt ccgctctgat ggtgttttga      600
atcnnnagcg gtattcgctt tgggaagtgc ngatatctn                                     639
```

<210> 1135

<211> 454

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(454)
 <223> n = A,T,C or G

<400> 1135
 agttacctgt tcaaaccatc ccacettgaa ctaccgccaa gatgcctcaa gaggtcgtcg 60
 ntnttaagaa gttcatcgag atctgcgcgc ggaaggacgc ttctccgcc cggatcaaga 120
 agaacaagca gaccaacaac atcaagttca nggtccgctg ccanaanaac ctctacaccc 180
 tggttctcaa ggacaacgac aaggccgaga agctcaagca gagcctcccc cccaacctgc 240
 agctcaccga cgtctctagc aagaagaagt ctgcttaaat gaagggtggt tgaaaaacgg 300
 gtaactcttg gtagcgggag gattcacatg caccgaatggg cgtcttgga taccttgcat 360
 ttcacatgt gctctggaag gaggatactc ggatgagtc aaaaaataa aaagaaccga 420
 ttcgagtcac gaaaaaaaaa ganaantgat aatg 454

<210> 1136
 <211> 620
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 1136
 ctttcataca gcatcaccac ataacctgag ccttttgagc acgcgaacag gccgaattaa 60
 gttaaaacgc gagcaacaac atatttgaga cagtataccc tcgcatgcgc ctgtgacgac 120
 atgccatcca tcgccctgag acagagcaga cgatgtagat tgatagatac gcgtgcttac 180
 ttgacgaata ctccccgac ttctgatacg aacatacagt ttccgcgtgc gacaaacgca 240
 tcatggcgctc cgggtttctat tcttgacgac tgggtcgcaa aagaagctcg cctatcagc 300
 cttcgccaac tcatggtctt tggccgatct ctacacagaat cgcgcctgat cagctctgcc 360
 aattatgttc gcaccgaatt acctacgcgt attgcgcctc gcattcgaga catgcagcgt 420
 ctaccatacg tcgtcaccac gaacaaacat ataaaagagg tctatgattt atattatcat 480
 gccttttgata catttcgcaa agtgaaggaa gtcaagacgc tggaggaaaa cgacaagctg 540
 tgtgaactca tcagncataa ccttaaaagg cactgatgn aataccacag cttgggatgg 600
 gaatcctgga ntgcgnggt 620

<210> 1137
 <211> 534
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(534)
 <223> n = A,T,C or G

<400> 1137
 gtcactataa gaataactgt ccttcccatc cattagtcac ttcaatacca actcacactc 60
 ttagcttccac atcattccaa cactctcttg actaaagac atccatccac tacttaaatc 120
 aatccaaaat gtcaaaagatt cttacagttt tgggagccac tggcaaccag ggcggttcag 180
 ttgtccgcgc cactctcaac gaccccgctc tctccaaaaga gttcaagatt cgtggcatca 240
 ccggtgatgt ctccaagcca gctgcctaaag agctcgccgc aaaggylgtt gaagtcgttt 300
 ctgcccacat gaacacagcc gaacaagtgc ctcccgccgt caaggacgct cacactgtct 360
 ttgtgtccac aactactggg aaactaaag cggaaaatgg gagattgcc aaggaaaaggc 420
 tgtcgtgat gcttgcaaaa ctggaggtgt gaacaactta tttctcactc tnttctcgan 480
 ccaacaaaaa taacaaongg gcgtntttanc cacattaaan cattttgagg ggca 534

<210> 1138
 <211> 576

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

```
<400> 1138
gccatcactc atgcaatact tcaatgacac tggcctggat atcggtgatg gtgttctgaa      60
ccttattgct accaagctca acgttgatct cattgccaga tcganaattg gtgtttccat      120
gtcacgctc atccttagtc gtgcgctgct cctcaagcag acgggagccg gcacccctga      180
gcaatgggac aactgggacc gaacatttga aatcctgttt accaggctcg agccttcgct      240
tccttacatc ttcccaggta gtgttaaacac cggagaggat gtgtatgtat ggcagcttct      300
tgcagccatg ggcgttagcg ctacccatga tcaacaaaact cgttttggtcc ttgctgtcaa      360
agatcgtgtg cttgatactg tcaactgtct aaagaactctg cctcctgtta tgggagctga      420
nccgttgaac agtgctenacc tatctatgag atctatcggt ttggargten aactcttcca      480
gtaaacacat gttacatatg caaacatctc ttgtcggtta lcttgggatt ttttctgggt      540
ggcatatagg aatgaacntc caaaaaacng gaagca                                576
```

<210> 1139
 <211> 666
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(666)
 <223> n = A,T,C or G

```
<400> 1139
gatcgtaact caggcccttc tcagcagcaa tcggaaaact gccaacgatg tgaacgtgct      60
gggcactagg aaggacaccc cgcgcctgcg ggagcgagtt cacaatagca tggataaaac      120
gagggatatg tgtagagaga ttggcgatgg tgtcaagcgg cttcaaacat gggaggattt      180
gactaaacaa caaaagtagc agcaaacaaa ggtttcgagc gatttccaag ctgctctgca      240
ggaattccag agccttcagc gacgagccct cgaaaaagaa cgcgcctcgg ttaccgcccg      300
ccgtgcggca caggaaggcg agggcggcga gggcgctcct tccgagacac aactagagca      360
actgcagcaa caggagcagc gcctcgtaact cgcacctcaa gatgaggtcg attttcagga      420
agctcttatt attgagcgtg aggaagagat tcgcaacatc gagcagggtg tcggcgacct      480
aaacgtcctc ttccgacaag tagcgcaaat cgtgaacgag caanggggag cagctgggct      540
cgatcgctga cagagtggga agatgtccga gaagatacgc gccaaaggctg acgttttagaa      600
accgacaggg cgcgcgggta ccaaaaggca gctcgcaaca agantgctg cctatttggt      660
ttttgg                                           666
```

<210> 1140
 <211> 900
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(900)
 <223> n = A,T,C or G

```
<400> 1140
ggaagaatto qcggcctcag gaatttttct ttttttttct ttttacttta acatattttt      60
cattaaaaac cctaaccgca taaaacctct gcgttgatcg tgcttgcaaa cgaagacctat      120
tggtaggggg gtataggcca acagccagan tgtcngaaaa ccgtcaacgc cgtcctgggtg      180
ggttctctcg aaagcgccaa cgcggttgct gtgagcaagc gaangttcgc aacaagacca      240
ggacacctaa tgtccccaaa cttttgaatc tcccttctct agaagaaata ncaaccaagt      300
```

ctatctgtaa	aataatgcgc	tccctaaaat	gggtaacaca	aagttcgtaa	aagcatgttt	360
cgttgcttga	ttgttccgta	aattgccttg	taaaggcgtc	gtcatcccag	ttgaaggggt	420
tgcccagtc	gataacccat	aatagaaaaa	agnaaatgat	agtcgagtcg	gagtaggtta	480
anctttggtc	tcctcctcct	ttnttgccct	caccactctc	ggggccttga	gccttgacgt	540
acttcgtcgt	agacangcaa	gggcctcgtc	gaccttggcc	ttgagagcgg	agtcgtcctc	600
aataaggttg	acaagctcgg	tggtgtccat	ctccagaagc	ataccgggtga	tcttgccggc	660
aaggctcggag	ttgatggcct	ggatccttggg	gaagatcagt	tcacccagaa	tctgcttctg	720
ttggggagga	ggggcggcag	caagctgttg	ctggaggacg	gaggtccgg	caggttcggc	780
accacggccg	ccttgaggcc	cgttgccgtt	gcggccagga	ccacctcggc	caccttggcg	840
gttgttgtaa	ggggggaagc	cgggcatgtt	accagccatg	ggaggcatgc	caggcatacc	900

<210> 1141

<211> 577

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 1141

cgagggtcaag	accaacatgt	ggagccctac	catcaagtct	tacctccgcc	tttacaccac	60
catggacctc	aacaagcttg	ctggtttctc	cgagggtgaag	cccaggaggc	ttcgatcatg	120
gctcctgggt	actaagcagc	gaactaagca	attgcgctgg	caggaccagg	gtctgcttga	180
cggcgagctt	gtcaatgtta	gcgaccttga	ctatgctctc	caaggcgacc	ttattcatat	240
ctcggaggcc	aaggtgggac	gaaagcttgt	ggactgggtat	ctccgaaacc	tgtcccgcac	300
ctataactga	ggngntttag	agagaactgg	ctagtcaactt	tttctcaaaa	aatcgtgggg	360
tcttcgaacc	gagcctcaac	agcgcataaa	gcgctgaggc	tgagtactcc	acaacggccc	420
agggccagga	gaatcattac	ctgggggtat	gcaggccaac	ttgattggat	gtataagcat	480
ggcaaangcg	tctcggagtt	ggtgatgctc	gtgcaagaat	ctgagaattt	ctcaggtttg	540
gctgnatgtg	cnggaagana	tatgggactt	tcttcta			577

<210> 1142

<211> 631

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 1142

gctacttcac	ggcaagtcgc	aaagtcaaga	cgttgagaag	caaatacatc	ctcgaatgaa	60
gcaggagctt	ggacagcagt	tcaccagcaa	attcgaaggc	atgttcagag	atctgggtcac	120
gtctacggag	ctcaccacgc	gtacccgtga	ccacattcgc	aatgttggag	acggtagtaa	180
gactatcgac	ctcaacatca	acgttcttac	cacaaactac	tggccacctg	aggtcatggg	240
gcgtaccgca	cagattggcg	agggttctcg	tggtacttgc	acgtacccac	ctgatttgca	300
gggactacag	gcaagctttg	agcagttcta	tctgaatgat	cgtaattggc	ncaaaccttac	360
ctggattggc	acnatggcan	ttntgatatn	aaatgtatnt	tcccggccat	cyntgggaag	420
tttggccctn	tntaaaaaga	gcgggnatnt	gaaataacgn	gcccacattt	gnttttgggn	480
ggaagctttt	tnttaaaaga	cctggaanaa	aacaaccttt	tgaatttggg	ggaaaaacag	540
gccaaaaaaa	anantttggg	cccgganttt	attggggccn	ttaacgggca	ttggggggag	600
nccccantn	ttgttttctn	cttaagggan	t			631

<210> 1143

<211> 588

<212> DNA

<213> Fusarium venenatum


```

<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 1143
cagaaaatga tgagcctgga aagacagact ctccagctgg gccctttggc gagcacacct      60
gcgattctcc cgtctctctg gaacataact tgtaccaggc aataaaggag atcgtcccag      120
acccgctttt actatcttca ccggtgactc gttgatcatt cgatctggaa cactacatgg      180
ggattacaat gagcaccaga ttattgaatc atatgagaac atggacaagc atctcggtat      240
agtttacggc acagcaggaa accacgagtc tcatectaca aacgcctatc aacctagctc      300
tatcggcgac catcgtcttg gatctacnaa cttctcgccn gaacatggtc tcttgattg      360
qaccgaaccg cctccagant tacgcaaatg ggtgcctact cccccaata tccccatgga      420
aactccgtgt cttctctctc cacaaccta ttctaccgan gcaacttttg gttatttccg      480
anaaagatga tncgcgaccc tagttaacag ctgcattggc ttatcgaana actcncgtt      540
gcgcanaaaa ctggagancg cgtttatttc ntengacatt rgcctctt      588

```

```

<210> 1144
<211> 507
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 1144
cagatacgca ggttggtttct tctatagtat agactcgtta tccgtttttct atctctagaa      60
ctttacaatg aacgccttcc gctgcttgag acctgtcgcc gctcgagtgc cttttcaaag      120
gtcaactctt cctcgagttg ccagagctta cagctccaag acctacgaat atatccaggt      180
ttcacagccc aagcctggtg tcggtcaggt gacactggac cgcccaaggc tctcaatgct      240
ctttgcacac ctcttatcaa ggagctcaac caggctcttc ttgaattcaa tgcagccgat      300
gacacttcag tcattatctt gaccggatct caaaaggctt ttgccgctgg cgccgatatc      360
aaggagatgg cctctctcagt ttgcgtgaac ttacaccaac ttcttcatag agcttggtcc      420
gactaccact caaattaaga agccatcctc gctgtgctca gncacgctct agcggagntg      480
tagctgggtt gatggcgact attactg      507

```

```

<210> 1145
<211> 445
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 1145
ctcacctcac gaagctcaat tgaatcagca accatggctt ccgacgcaat caccgagccc      60
cggcaagcga ccgcgcagga gatgcgcgag tcgcctaaact cctctctggcc taccgagaca      120
gctgcgcgcc cctctctgatt cctctcaaca agtgccttgc ggataccgtg gtatgcctct      180
tgggaagtgc cctatgagcg acacagctac gagaagtgcg aatacgtcga gttcaagaag      240
cagtcctgca agatcganga gttgagggag tcgaagggtg gtgcaccgaa gcacctagag      300
agaaagacaa agagaccgaa ttcaaatccc gggtaacgaac aaacagggcc gggtcgggaat      360
tgtacattta caaacaagcc aatgtgtttg acggaataga aagaggcatt ccacacaaat      420
gaaacngatt caagacgaat atttt      445

```

```

<210> 1146

```

<211> 736
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(736)
 <223> n = A,T,C or G

```
<400> 1146
agaaatcaat aatttcaaaa cctctcttct tcttttaact aaaccttct cactttgaca      60
tctgtctgcc ccgctacccc gccaaaaccc ctccataact ctatcaatct tatcataacg      120
accaaggcat agaccttttg tcaactacagt cgtcaagacg ttttccaatc tccttaactc      180
gacgcatacac ccgttttgcag gagcccgcgtg ctccagccgat tccggagggt cagcggactc      240
gaccttttgaa cagtaaagggt ctactcacag aaagaaaaccc gtccaatctc cataaacccgt      300
aaactttccac gtcaaaagcca attcaagcac catgggtctct caccgcggaag tcggcacggg      360
ctcctcaaac yggtcgggtat acaacggcca aggtctctcc gctacccagg atctcttcac      420
cgtcaactca cccaacgtca cctacacgga tgcggaaatc cgttctcgat acacctaccg      480
caccacgaag gttgaagttg atgccagccg gcaaatatgt tgctactcct aacgagactc      540
tctacgactt caaggctcgac cgcaagattc ccaaggtcgg tatgatgctg gtcgggtctag      600
gaagcaacaa cggcaccacc gttaccgctg gcatcctcgc caacgccgtc agctcncctg      660
ggganaccaa aaaangtctc gcgagtccaa ctactacggn tccgtttgct ttgggctcaa      720
cctcaanct cgggca                                     736
```

<210> 1147
 <211> 717
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

```
<400> 1147
cctcttgtga caaagctgtc agccgaaaaa gtcatacatc tttggaagcc aaaaccatca      60
agttttcttca actcaagctt caccctcacg cccttttaaa caccatccat agcgtctaat      120
atgtcggacc gtgttagtca actcgcaggc catctgaact accccaaggg tctactttca      180
ggacaattag cgattatcac tggttctggt cagggaattg gcgcaaaagc agcaaagttg      240
ttcgtataag agggcgcaaa gggtattggt gcggatattg acgcaaaaaa atgcagtgtc      300
gtcgttgaaa gtatcaacaa ggacggcggt caagccaagg ccgtgcctgg tgatattctt      360
aaagcagact atatcgaaac tctgataaag agcgtgtctg actttggcga tggcaagatc      420
auctattatt caacaacgtt gggtacactt gggatggagt tattcataaa atgacagaca      480
agcaggggga cactattctg gctcttcatt gcactgctcc atttactctt gtccgggctg      540
cagcgcgcta ctttcgcctt acgcgaaggg gctcctcggt gcattggtaa catctcatct      600
acatntggcg ngccccgaaa ccgcagggca cttaattatg ccttggctaa angcgggtgt      660
tctggtctcc caaacattgn aaaggagngg gccctctttt ggttaaggcc aacacnn      717
```

<210> 1148
 <211> 575
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

```
<400> 1148
agttctctgt tctctcagca ccgctcttat cctctatctc catcacatcg cgccccgcgc      60
```

tcatacctaca	cctaaccctc	agttgacctc	tgtgcaagtc	aagcaagtcg	acgttcgacg	120
agctgaattc	ttatatcccc	acggcgacaa	gatattcttt	gctggacgac	gaaagtactt	180
ccaccactgg	gaccttaagt	caggaattgt	acagaagacg	acgcaaatcc	aaggacatcg	240
acttgagcat	aagtcaatgg	agcgtttcaa	gctcagcccc	tgcggtcgct	acatggcgat	300
tgtggcatct	accaagaagg	gaggcggtat	catcaacggt	ttgaacacga	cgtctatgca	360
atggattgct	gctgctagac	tagcgagtcg	caacggcatt	gctgactttg	cttgggtggag	420
cactggaaat	ggaatgacca	tccttggaaa	ggacgggccag	gtcggcgagt	acagcatgga	480
gagccgctct	ttcttgggtg	tatggcaena	tgaaggctgt	gtcgggtggt	ttgtcctggc	540
cgttgggtggc	caccaagggc	cngctgttct	aggcg			575

<210> 1149
 <211> 584
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(584)
 <223> n = A,T,C or G

<400> 1149						
catgacaatg	caggtttctt	cataaatgcg	acaatgtccc	caacaacttg	aacaatcctc	50
ccatcttgct	gtgtctcata	cctctaatac	tggcagacca	gaagacagac	gaccacatgg	120
ccacggccaa	aacaagcgtc	gagtcgcaag	cccgcggcgc	gacagcccaa	gccctcgcaa	180
tggacctca	gcctcgcgct	gcgctcgaaa	agagcatgaa	gcgcaagctc	gacacccgtt	240
gcgcccctct	cgtctctcct	tacatcatga	actacctcga	tgcgaataac	atggctgccg	300
cccgtctcaa	gggtctccaa	gaagacttga	acctgagcta	caaccaatat	gccacctgct	360
tgagtattct	gtacgtcggg	tacattctca	tgcaggttcc	ctccaacatg	ttcatcaacc	420
gcatacagcg	tccttcgctg	tacattgctg	cggccatggt	gctctggggg	ctgatctcta	480
cactcagtg	tagcgtgcac	aactttgctg	gaatggtctg	cattcgatct	ttccttgggt	540
tcgtcgaagg	ggnntttcct	cctgggtgcac	tgtctattct	gtcc		584

<210> 1150
 <211> 1006
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1006)
 <223> n = A,T,C or G

<400> 1150						
ctctttttcac	ggctttccagc	ctaccacact	ctttttatta	tactcataat	aatttaggto	50
gcttttacagc	ttctttatcaa	caatcctctt	ttcttacctt	accaattact	atataccgta	120
attcttaaat	ccaaccttca	agatgcagtt	caccatctcc	gccgtgccc	tcattggccct	180
cgccaccacg	gctcttgccc	aggtoctgta	cttcgacccc	gtcttcaccc	ccagcaactg	240
ggagcaggto	aagaccggtg	agaccctcga	gatcacctgg	caggccaagc	ccaagtactc	300
cqqcqaqaag	atctccatct	ctttgatcgg	nggtgctacc	cagaacaccc	aggtccccat	360
caagaccatt	gctaccggtg	ttgacaaaga	cgtgctcaag	ctcgagagca	accccgagggt	420
ttncggcggg	accaacaacg	tctacggtct	cgtctctcaag	ctcgagagca	accccgagggt	480
ttncagtagc	tcctttccct	tcaagantga	gggtggcaag	gcgaggana	agccctncca	540
gaccgaggan	aancctgcgg	agaccaagaa	ggacgactac	gagctcccca	ctgaggctcc	600
caagcccacc	aaggaggctt	accccgcttc	tcacaccacc	gtcgtcgctg	tnccagaaac	660
tgtaactgtt	cactgcaaca	ccaccactgt	tggngqntat	ccaccacact	ttgtccctgt	720
tgtaagant	cactacccta	tcctctctcc	tgncacccag	gctcctcccg	caaacacaaa	780
cggaactgct	cctcaccctc	ccgtttacac	tgcctctgac	caguctaacc	tcctgtttgt	840
tcctactcan	cccgtgggtc	ngccccctgt	ttacggaaag	gccancctac	tcctgtcccg	900
tcctcgggtg	ctgcctgttc	cggggctccc	gttgcccggt	attgctgggt	tcgtcatggg	960
cgttttttnc	tttgttttnc	ggantttccc	ccccctttga	tctttt		1006

<210> 1151
 <211> 641
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(641)
 <223> n = A,T,C or G

```
<400> 1151
tgcgccaacc atgttcaactt caagatcggt agcaagactc gtcctacgac gagcatgctc      60
tctcttgacc tctcttcttn tgaggcaatt ctccacatcg agacctctcg ccgttagcta      120
ccactcttat actcttcccg cccacacctc tacgcctccc anaaacgacg acgttcccgga      180
ancatcaata acanaacctg atctctctcc caaagtccac gagactcgtc ctccccccaca      240
acagcctcag caccctcagc ccccgaaaga acaagaaggt ggcacgacaa caacyacgac      300
gcagaatgac gttcccgcca cctcggcata agcgccgaag ctaaacgaga aggaagccca      360
gaagccgaag gccgcgcgac acgatccaag ctacgcccac gcaaggccgc tatgaaattg      420
acgccctctg cggnggagca attaagagag ctgctcgatc agcccgagcc gaagctcatc      480
aaggctcgcg taaggaaccg aggatgcagt gggttagcgt atacctcgaa tacgtcgaca      540
agcctggcgc ttctgcacaaa acggttgaca aagatggcgt caanggtctt gattgataac      600
aaggcttttt tcagcatttn ttgggaagcg aaatggactn t                                641
```

<210> 1152
 <211> 589
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

```
<400> 1152
cttcaatgcc gtcatgaacc gttcggactc ccatttgccg tcggcaaaca tattegcccc      60
cgctgtcttg aggtctgtca gattccccga cttgtgcgct gcatcgagag cctcatttcg      120
gcccgcacct tgcattgtaa cgcgagtcgt ttctctctta tctttcttg tcccgaggta      180
ggcctctccc gggagatggc aaaagggtgaa acactttgag tcatgtgggt gtgggagtgt      240
gctgaagaag ccgatgtacc ctccaaggaa atggcgagga tcgggggcat cagggccgag      300
catgagccgt cgtgttcttg atccgggtccc atctgctgcg acgacaagat caaagtcata      360
ttttcgaccg tegtcaaaaac ccacatgaac ctttcccttg ggatcgctct cgtcatcttg      420
agtcagactg gtgacgggtg tacogaanga tgcttcacgt tcttgctctt ctacagtaaga      480
cccatcaaga tactcgcaag atcaccacgc atgatttcgt attctgtggt gaaggccttn      540
ttcataccgg ccgtgttnng ncactggaaa taatactttt ggctggcct                                589
```

<210> 1153
 <211> 768
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

```
<400> 1153
ttatcaattg acctttaaaag agtaccgcaa taccgtcaag atgttcgccc gatctgcatt      60
ccgcgctgct cagcctttga ggtctgttcg tcgatatgcc actgaggctg gaggcgctgg      120
cggttccaat ggcctctctt atgctactgg agctgctgct cttgggtggt ctggttactg      180
```

gtacttttgg	aagagcggag	ctcccgtttc	tgccgctgcc	caggatgtga	agcaggctgt	240
tggtgcccag	cccaagaagg	ccttcactgg	tggtgatcag	ggctgggtct	cactcaagct	300
atctgatgtc	gagattgtca	accacaacac	taagcgccctg	cgtttcgagc	tccctgaagc	360
tgaccaggtc	tctgggtctgc	acattgccag	tgtctttcta	caaagtacaa	gggcccgaat	420
gatgagaagg	ctactctccg	accttacacc	cccacagcgc	atgagaacga	caagggcttn	480
ctcgacttgc	ttatcaaaga	agtaccccaa	cggtcccatg	agcacacact	tgacgacat	540
ggcttcctgg	ccagcgccct	gacctcaaag	gccttttccc	aaagtacgcc	tgaggaggag	600
aacaaggcac	gaaccacatc	gcccttaatt	ggtaggggga	cttggtataa	ccccaatgta	660
ccaagttggc	cggcgccatt	tttaaaaacc	ccaagggnaa	anaccanggc	cactttgggt	720
tttgggaaat	ggcaaganaa	aangaanttc	cttttnaaaa	aggggtttt		768

<210> 1154

<211> 530

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(530)

<223> n = A,T,C or G

<400> 1154

cgagctcgag	gcacatatgc	gaattgaact	ccttgacccc	agttggaagg	agcaaaaaggc	60
caaggcagac	tgcgcgtatg	cctcaaccaa	catttcccat	gttgacgttg	caaacaatct	120
gaagcgtctt	gctagccaac	gcagcgacgt	cttcgacccg	tgaccggaca	ggcaattttc	180
cgagggccaa	ctggcgcgta	gaaagaaggc	tgntattcac	agctatgatg	gtgccatgga	240
cgctaagagc	caagcacagt	tgcccatatg	caaaacgtta	acgtcgagga	gcagatccgc	300
gccattcatc	aaaagttcgc	cgacaaaaag	tgaagtattt	ggtagttggg	gcaaattggc	360
gatccggaat	atgaagaaaa	acaccggtaa	cccgaagccg	agtgtactgg	ggtacgtcgg	420
cttgtcatgg	gccatgttaa	aatgtttgtc	nganaggctt	ttaggttaag	gttaaggngg	480
gcccattggg	gctngngttt	ganatttccg	gcttaattgt	tgtaaacttn		530

<210> 1155

<211> 322

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 1155

ctcaagtggg	agaagtggga	tttcggggtg	ggtttcaact	accgagaagg	gtcttacctt	60
gcacgatatt	cgatatgatg	gcgcagctct	cttttaccgc	ctctctcttg	ctgagaatnt	120
tngtccctta	tggaaccccg	cgtgctccct	accctcgcaa	ggctgccttt	gaatctggga	180
aaatgaatgg	tgccgggtatc	aacgccaaaac	aatctccact	tggaatgta	attgtctang	240
gtactatcaa	gtacttcagt	ngcctatcac	aacacaccat	ctggganaan	ctatgganct	300
accaaattgc	gtctgttggtc	cc				322

<210> 1156

<211> 679

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(679)

<223> n = A,T,C or G

```

<400> 1156
natgacaaan gagagccaga tgacacatgc tatggngtta acagcagtn acctnaatga      60
ggagacaggc gaacctgtcc gctggagggg ncaaaacant nggggtactg ctgctggtga      120
caagggctgg tttgttatga gcgatnccgt gcttgatnag tttgtttatc aggcagntgc      180
gancccnngt tctgcagtaa aaagtnangg atgtccctcaa aaaggaggcc attgtccttc      240
ctcccntggg accccatggg ggcgctggct tnaaancacg cgttccgtgt gcaccggga      300
agnttggtgc acattgtttt cgcgtattcc acctatggaa tcgatattta ttatgaggat      360
atgtccgaca agccatantg agagctatta ccacatacac aaagttttgc catccaacaa      420
tgttgtttnt tcagtcacgt ggcgcttgct cttgtaggac atgacatgac gatggatcga      480
agttngaggg aacacgatgc agtcactata tgtnttgaca taaggattac aagaatatca      540
ttagacgtat gcgcacctcg gcncaatgaa gcttcnccgc tgtatgttat ggggtncaaa      600
ttacaataat caacagatgt gtattttgatc ctggaaaaaa aaaaaaaaaa aaaattcctc      660
cggccgcgaa ttcttccag                                     679

```

<210> 1157

<211> 231

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(231)

<223> n = A,T,C or G

<400> 1157

```

ncatccttga caaatgactg gaccaacacc gagacccgcn antaggctgg cgttctccct      60
gatnaaccag tcnagaaatg acccctacag gggtnagagc acncgaaagg tacctggcct      120
cgtcaatcat ctgtgncgtg gacaggctctg atatnaaain ccttgccgtct gcttgacaag      180
ggggtcgacc tcgacgtttt tentggcggn ggccgacttt ggtgggtgc g                                     231

```

<210> 1158

<211> 759

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 1158

```

ggaaactgoga tacggcggtg ataaagtaac atcaggtggt tcatcggtac ttgagagggc      60
cactgacctg ggcttcatga tggttacctt ttccggcatg tccagcgtac taggacctgt      120
tgaatacggg cgaagatacg agaattctcag ctctgaaaca aaggcagcaa tcgaaggcga      180
agtcgggaaa acgataggaa agtcgtacga ggatgtgcga aaactgttga ccgaaaagcg      240
aagcgagttg gacttggttag ccaaggctct tgtacagtat gagaccttg acaagtttga      300
ggtagaaaag gtaattcgag gcgagagtct tcccgacgt atcactgcac ctaaaaggcc      360
aatgagactg cctattcttc aacaagctcc aacaccacca ggtctcgggg gtgttcatca      420
aactcaaccc cgggagacac ctgcgcgcga gcagcagcan cagcagacac atctagaact      480
gatgggttgg gttgaagggt taagaaggca gtatcacgcn atggttggaac aaaqatgagg      540
taaaaaggaa gcccggcata attcacgcca cgcacgacgt atgtgggtgt ggaaaaacgg      600
gtgaggatcc atatcgaaca catatttcca cagcgagcat tgtgtggaat tggatgaant      660
atctttttnc agtcnagaaa aaaaacgggg tttnaacgan gacnaactggc cttgtgtnta      720
ggcttaacga tttatgtcca tatggacttt attttgttc                                     759

```

<210> 1159

<211> 745

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 1159

ccgacctggt	gtcattgttc	gtgagctcaa	cctggaccag	cccatctacc	tccagactgc	60
caagaacggt	cacttcggta	ccaaccagag	cttcagctgg	gagaagccca	aggctcttaa	120
cttctaagct	gtcttgtgac	atggtatcaa	accacaaaaa	gagtattcaa	cagctctatg	180
catacatctc	aacagatgtg	taatcagtac	atttgattta	gcaactatag	gcggcgtagc	240
gttctcaacg	aaacctatgt	atctcccacc	ggaagggagg	acggtcgggt	tccggctttt	300
gttttattca	tgattttctat	ccaaaaacca	ttttggttcc	acgggtgtgg	agatttcttt	360
cgcgatatac	caggcacgga	gtgggcgtct	ttcaacaaaag	acatttttagg	gcaaacctgc	420
atthgtgagg	cgaatcaaaa	gaagagtcaa	aaagacttgc	attataacga	taccacgata	480
agggaaatga	caaaaagacg	acgcattccaa	tgtgaaaagc	ggcgttttga	cgaggaaaca	540
aaagaaacttc	aacatcttll	tcttttcagg	attttctagc	gagctqatgc	agtaggcggg	600
cgagagaccag	ccaggaacgtg	gtggaggltg	gattgatngc	taatragaag	tccatctttg	660
atgatagaag	gattctaatg	gctggtnagt	gcccagttgt	gnnatgcaac	cgnactagac	720
tagaaagaaa	cagntattcc	ggaat				745

<210> 1160

<211> 300

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1160

cttctggccg	aggcgaacaa	attggatgtg	gatgttctgt	gctgggggtg	tactcacccg	60
tttgacgcct	ttgagtatat	ggacaagttc	ttcgtaaacc	ctggcagtgc	gaccggcgct	120
ttnatggagg	gtttcagnca	agaggcccg	anagcctcnc	cgagcttttg	ttnnatggat	180
gttcaaggca	tctcgctcac	cctatacgtc	taccaattac	gaanagacta	caagggcaac	240
tanaacgtgg	nanttgagaa	ggngacatac	acaaaaccng	natagccttt	angaggacat	300

<210> 1161

<211> 499

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(499)

<223> n = A,T,C or G

<400> 1161

acaatcacc	cataatgtgn	tgacgagaac	gogaacggta	cccccggcga	gcaggctgct	60
cccaactngg	aacacctcaa	catcaaggtg	acggacaaca	acacagaggt	cttnttttaa	120
atcaagcgca	ccaccaagct	cgagaagctg	atgaacgcct	tttgogaacg	ccagggcaag	180
acacaaagct	ctgtccgatt	cctctttgac	gggacgcgag	ttcagcctac	ggacacacgg	240
gatggggntc	gtttaccttt	gtccaccaca	cgctatttct	tgntacata	tggcgcaggt	300
cattttggaag	gtcctgagcg	cgcttgacat	gttactatth	ntagctcgag	atgcaagacg	360
gigatadact	tgaggtatad	cangaacagg	nnggaggatt	ttacttttaa	gcggaaaagg	420
aaaggggcga	gggatgtaca	naagcggngt	ttttaaangg	gtqaatttagc	caaaactgtg	480
gnttgaantt	ggattccat					499

<210> 1162

<211> 402

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 1162
tggccgttta ctgccaggac aagcttggtc tcacatcaga aaagatgaac ccccgaggag 60
gagctattgc cctgngtcac cccctangtg ctactgntgc cagacagatt gtgacaggtc 120
tgtctgagtg cangcggcag aagaagaaga tgcttctgac aagcatgtgt atcggcacag 180
gccagggcac ggctggcctg ttctgtaaagc agcagggtcta gaacgggtcaa tgcattgatag 240
ggctggggtt attaatattg taacaacaac agatctcgat gcgatctacc agttgggttg 300
agatatgatt tctgatgag cgagaatact gaatttgaaa gcataaaant ttgttccttt 360
tttagcaata ctgagaactac tgaaaatcat atcgggtqaaa cc 402

<210> 1163
<211> 630
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(630)
<223> n = A,T,C or G

<400> 1163
cttagatata caggatctct cccccctccc cctatctttt acatcttttg cactttgttt 60
tttacacaaa gacaatcacc acaatgcctt ttgcgactga actgacaaaa cgactgggca 120
tcagagtggc cgctgtgcaa ggcggcatga tgcacgttgg caccgccgat ctgcctcag 180
ccgtttccaa cgctggcggc ctgggcctca tcaccgcctt catctaccgg acccctgagg 240
aaacttcgcaa agagatccag cgctgtcgca cctcaccac gaaccccttc ggtgtcaaca 300
tcaccctcct tcttccatg gtccctccca actacgcgc ttctgcccag accatcattg 360
acgagggtat caaagtcgtc gagacagccg gtaactcgcc cgggcctgtc attacgcagc 420
tcaagaaggc cggaatcacc gttcttcaca agtgtaccac catctgtcac gcgcagaagc 480
ggcgtaagc tgggcgtcga tttcctcagc attatacggg ttctgagtgc ctggccacgt 540
tgggagagag cgacattacc aactttatcc ttcttagcaa aacgcgtcaa acctgggtgt 600
gcccttcacc ncnagcggtg gcttcgcaaa 630

<210> 1164
<211> 579
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(579)
<223> n = A,T,C or G

<400> 1164
caccgccttt caacatcacc gccatcacta aaaacctgca tctttaactc ctattgaagc 60
gtcatggctg gtgaactgac gaattactcg ctgctttaac atcacgcgcg catctccttt 120
ctatatcata ccttattccc aacaacgcgc acatggatcc atctttgacg cgcgatctgc 180
cgaattcggc tcttaattct acnagatac catctccctc tacggcttct aaacagtcac 240
cgagaccagg aatcggagcg attctatcat taccctcaca atggctcccc atgualgatg 300
agttcataac caagaacgct ggtcaagtct cgcagatcga gagcgctcta cgggagtttg 360
acatatataa ttccaggccg attccgggat gongaaatcg cattccgagt cgattcattc 420
gggtgttcaa ctctatcac tataccatga ctctctactt taaaaggcta tcgcacgtct 480
gccaatggcc ngcatgccat cagcgcgatc tcgatacaca cgatactgga cccaaaggag 540

tggcgcatat cgaagaatan ccatgttttt gcagatgat

579

<210> 1165
<211> 590
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 1165
ccctgatatt gagcacatgc ctctttttcgc cgtttccac cgtctgcttg gcagcctgag 60
atcgacatac tacgaaacga antaatgtac tacgatgctg tggctaagggt tctcctaaga 120
aattcaggee tggacctaact accccttget tctctttgcc cgtttcaacc tctaccgact 180
atcttgggga cttttcttct atgggtcgaa gtcccaagaa gggctctgag atggctatll 240
gggtggttga gatcaccgga caggtcttct tttggacatg gttcggttat ggctctgtct 300
acaacatgct tccagacaac tggactcggt tctactttgt catgataagc aacattactg 360
cgtcacccct gcattgttcag attgtgctgt ctcatcttgc gatgaacact gttgaatttg 420
ggcctcagga atcttccctc anaaacagct tcgaaagaca tggacatcna atgcccagant 480
gcttgattct tccatggcng gctgcagtc aagtnatcat catctcttcc ccgcgtgccc 540
gtcataacct gcgttctaca canaaacct tcaggattct gttacaaatc 590

<210> 1166
<211> 628
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 1166
agcacatcac aacgcagtta tcagaacatc atatacacca agcacaatgt ctgcatcttc 60
gggatctgga agctggacta gtctcatgca acaagctcga aatctanaaa aacagacgga 120
gaacttggtc catacgtatt cgcgggttcgc agcagctcct aatatccac ccaaaccac 180
agaaaaagaa cgcgagacag agacgaagtt ggaggagtta ttaaaaaagc gtgaggatgt 240
cattagcaaa ctctgtccgac tgctcgattc tgaagccgcc tcacctnctc cgcataaaaa 300
cagaagaatc tcaacncttt ccagaggaag ctcgntgatc acaagaaaaa tctaattccac 360
ctacgtctca atctacaaga ggctcgtnat cgcgcgaacc ttntgntaac gtccagtnng 420
atctcgacca ataccggcag aacaaccccc aagctgcca ggccgattac atgttgccag 480
agcgggaatc catcgacaat agtaacaaca tggncgataa cgtgcttanc cagcgtllt 540
gctgttaatg acagctttta tctgcagcgc gaaacattgg gcagcatcaa cnnggaggat 600
taacncccc cagcaagcca agnggccg 628

<210> 1167
<211> 213
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 1167
ccaacatctt gggggtatga angacagcaa ggtcattgcc gccattaaca aggatgccga 60
tgcacccatc ttccaaattg ccgatgtcgg tctggttggg gatttggttg aaaagggtgc 120

anagctcact gagaagggtca agaactcata gatgtctata atgtacatag tatgaagtac 180
 aaaatgatgt natatacaaa cagttaaatg ttt 213

<210> 1168
 <211> 813
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 1168
 taatggaaga ctctgtctcaa tgagcatggc gtgaagattg ttctgagtea ttccgccacag 60
 agccaaaagac ggtctccgaa ctgtcttana accatctacg cgtctgtactt catatccaac 120
 gtaactttttt acttacatta acaggcgaga catcatgacg agaggcaaag acacacaaga 180
 cgtctcacatc caagaaaacg tctgtgatga agaaacaaac gacggaaatg atgtcccaag 240
 ctccaccacc cagccagcta ccttttaaagg gctgtctcaa atgagtgact tcatgttcaa 300
 gtcaactgag tctacaggca agggagaacc ccttattcga agatcaccac gattcaatcc 360
 atcaacgtct tctgccatag cggcgccctac accagtaact acagtaaaga ggacgaaaaa 420
 gaggggaagcg gaagagaagg agaatgacaa gccaaagaag aaacgagcac gccccagttc 480
 tggatagcgc ccacctcaa cgtacgcca tctccctggt ctgccagatg ccattgccga 540
 caacctttctc gttctgttta tctgtctaaa cccgggaata caaacggcaa gaactggggc 600
 atgcctatgc ttatccatta aattttatttt ggaaacttct cttctcaagt ggtcttactc 660
 cagctctctg cagcccgaca gaagatcgtc agctccccga gatgtactca atgggattta 720
 ccaacattgt tgcccgacca agccgcaacg ggtctgagct tagcaagcag ganatggacg 780
 aagggtgttga gattctccac naaaatgtcg caa 813

<210> 1169
 <211> 622
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 1169
 gctaagcatt ttctctactt tgacgaagac agctatcgaa ccgaaccgat atcgatacta 60
 taccgactcc cattatgtcc gacctgtctg ctgaggtcac cgagggcact gtcaagctcg 120
 tctctgacga ggtgaaggcg gagcaggtca cgcgcaatga gctgaaaaag cgaaccacga 180
 agcgagccaa gaaggctgct gccagggcct cgcgtgaaga gaaggcaaag aaccaggagg 240
 cgaaccccaa acctgtctgc cccaagccca aggtccagga gctacccag cttgacctg 300
 atgccatggt caagcaggcg ttcccttgccg atgtttacaa ggagagacct gtgaagcccg 360
 ttgtcaccog attccctccc gagccaaacg gataccttca cttgggccac gccaggcta 420
 ttgtctattga ctttgatttt gctcgctcca cgggtggcaag acgatccttc gattcgatga 480
 caogaacccc gacgaagagg aggagattac ttccaatgga tcttgaagat cataagtggc 540
 ttggatttga gccagngcc atacacatc agcgacaact tcaaaacttt tnatctnqc 600
 aaggacttgt caagaaggaa ag 622

<210> 1170
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)

<223> n = A,T,C or G

<400> 1170

ntttngtttc	nttccggcnt	cntgtacata	atccatacnc	caacatnata	accccggcnc	60
ccgatttcat	aatttatcga	gtccgacatt	actccttttg	accctanana	ccagatcgng	120
cggagaaggc	aactatcagt	agagcctcat	ccaaaattgc	naaatctgca	tccatcgttg	180
agccggcncc	tctgccgggt	ttggngcgct	ctcgacntcc	cttgaaaatc	cacgggaana	240
aataattctc	acgccaggtc	gtactcataa	ccgcagcagg	tctccaaggt	gaacagcctc	300
tggttgatan	aacaatgtaa	ataagggag	tggcaaaat	agatccgtaa	cttcgggata	360
aggattggct	ctaagggttg	ggtgcgttgg	gccttggggc	gaccccttg	gagcaggccc	420
ccactagtcg	ggcaaccgac	cggaggcagc	cagcatccgg	gtgctgatcc	cttggcangc	480
ttcgccgccc	gcgcncgttt	aacaaccaac	ttaaaactgg	tccgacaagg	ggaatctgac	540
tgtaaataa	aacatancat	tgngatggnc	aaaaggggn			579

<210> 1171

<211> 734

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 1171

caggtaaagg	cggagaatcc	cacgttggct	ctagaagtgc	cttggggaaa	gagcggcata	60
gttcagacac	ggacgactac	ctggaaacga	gaagctgcta	ccaacccaat	attctatata	120
tttccatgaa	ctctgttgac	tccatctctc	ttctcgcatc	ctaatacaca	tcaaaccttg	180
gccccttcat	catcacaaaa	gaaacccaac	acaaaaacca	caacctcac	caacacattc	240
aaaatgtctg	aactcaaggt	cggcgccaac	ttccccgaan	gtgtcttctt	cagctacatc	300
aagcccactc	ctgagatcgc	tgaattctct	acotgcggcg	ctcccaccaa	ctacaacgcc	360
agtcatgant	tcaaggataa	naaggttgtc	gttgtctccg	tccngtgct	tcactcctac	420
ttgcagtgga	tctcaggttc	cttctactcg	caaaaaacatt	tgacaaaatc	aanggccaa	480
ggcgttgaca	agtatcgtea	ttgctgtcaa	caacccattt	gttcatgcat	tggttnggcc	540
aaggccaatg	gaattacaaa	taacaaaatt	ctcttatgtc	caccacaatg	ccaagttttc	600
accacattcg	gtggaactgg	gcaaaaaact	gccgttcccc	ngattgtgac	atggaggatc	660
tttccccctc	agatnacccg	cacatcaaaa	tccggccctg	gngccttgct	attggaacca	720
tttctcccaa	aatt					734

<210> 1172

<211> 533

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(533)

<223> n = A,T,C or G

<400> 1172

cttacttgct	ctgctgttgc	tttatagtt	atcctacttc	ttctctagta	ggcgtgacta	60
aaggacgagg	gttggtcaca	tagttttttt	ccgtacaatc	caaacttact	ttaccttota	120
caactttttg	caagcttggc	cactcaaccc	cgcacccltt	aagcaacaca	agatacagagc	180
ccgttctacg	gcaaaagctta	tttatttccg	ttcatttatag	aatcgggaaa	ctaccgcaaa	240
actggaatca	aagttattca	tatcagagac	gtcatgaatt	tcctctactc	aacagtcaac	300
acctccgggg	atcgtatatac	acctgtatcc	tanaagtcac	ccttcggcca	gactggtcaa	360
atcacaccgg	aagattttgt	gctgctgggt	actatctcgt	ctacaanttc	ccgacctggg	420
cctgggggga	nccgantctc	ccgaacgcgg	antcanccat	ctgcctcccg	gnagcagtt	480
tctcgtcaca	cgcaagttnc	ctgccacgtc	gttaaacaat	anttgtttgg	gaa	533

<210> 1173
 <211> 629
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 1173
 gagtcgaagg gcaagacaat tgttattacc ggaggcgcca atggactggg atctttcatg 60
 gttcgtgagt gggcttccca cggcgcaaat atcatcattg gcgatgttgc cgatgcagct 120
 ggcgaggagc tcgtagcttc actcacagct caatatccgg actcggcctt tgcctttcaa 180
 cactgcgatg tcactgattg ggagtcccag gtcagtnat ttgagacggc cgttcatgtc 240
 acccctcatg gnggaatcga cattgttggt cccaacggg gcattattct ccccgacgtt 300
 tntattcagt tcgaggagcc tgtttctaaa aatggcggtt tgcctaaagg cgacangaaa 360
 cagttngatg tnaatatcac nggnctacc tacaccantc acctcgccct ttactgggtg 420
 cctnanaatg gatcttcccc tcgggancca tgccttnttt tggggggntc cttgtttcct 480
 ttggcccttc cccacccana ccattgtacac gangagcaag cctgccatcc ttggcctttt 540
 tcccnacttt tccngncnaa aatttttccg gaacgngntc cggngggaac atgancaccc 600
 cctttacttc ttttaaaagg nccaacatg 629

<210> 1174
 <211> 623
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 1174
 tggatctacc gagggtaggc tattttctttg ggagacatgc accggacgac aagtatccac 60
 gccgccttgt cacttcagg ccgtctcatg cttggccgta acgccatata acattctttc 120
 cgggtccgat gactccaaca tcaacgtctg gtcgttatcc cgtcttctag agctcgacgc 180
 aaaggctgaa caggagcccg atctgacact ctccaatcac cgaggtgcca tcacaagtct 240
 aactgtcagt cctggtacca attcggaac tggcatatgt gtgtctgcca gtaaagacaa 300
 gacatgcata gtctggaact atcagacagg ccagctcctc cgtacggtag tgttccctgc 360
 aactcccttc tgcgtctgtc ttgatcccag tgccagggca ctctttgtgt catccgaagc 420
 tgggtgctgtc taacttgnat aactattcgg tggagacaag ccgttgcttg gttcccgcag 480
 cactgagcaa ccttcattgt cgtgcagatc aacaccccg cttgctgtctc ggatccggaa 540
 cttggacaac catcgtgtat tgctctgaca aacgacggac ttcaatattg nctggacaca 600
 ccaanggcaa gatcatgcca tgg 623

<210> 1175
 <211> 621
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 1175
 gagtgggtcan gcanggtgcc attccagatc tgcgaggaga ttgctaagca taccttgaag 60
 cgtcacctca aggttgatag cggagacatt actgcatttg gcgcaggttt ctccaacata 120
 gtcaccttct cgcataatga taangaggct tttgacnctg cccgacgagc ttccaaaact 180

ctcgaatagc	atattcgaaa	cctcgaagat	ttaccattgc	agatccgaca	acttttcagca	240
gtatcaccag	ctgccagata	tgtttccggt	gatgctccca	cacctggctt	ccatacagga	300
accatcgagc	ctatagatgt	caacatttac	tttgaggcat	cangccggtg	gccggagaat	360
tcggtagcta	ttcaagagac	caagattgag	tttttactcg	atttcgatag	gcgtctgaca	420
tcaaccanag	agaatatcaa	aacttacctt	ggtcgagaca	acaagganat	tgggatcgag	480
aacttggcct	atctcgatat	cgtctatgat	actggagcag	cattccggtt	gaggattcat	540
gccgatttgg	aagacatcct	gcttgagcga	cagatcanga	acaagacact	tgaccctcgt	600
atcctttgag	ggagtcacaa	g				621

<210> 1176

<211> 301

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 1176

ngtcgaggnt	gacggcaagc	acattgttgn	tggtnntaaag	aangaatacg	tncatgctcn	60
gaacgctcca	ctctgngcta	ttgagcgaac	actctgctnc	ttcttgagaa	ctaccanacn	120
gaggacggtc	tcattgttcc	cgangtgctg	cgaaagtaca	tgcnngntga	gcccaggttc	180
cttcccttgc	tcaaangaag	ccttcnagga	ggccnagaan	gtctganaag	aanganaaga	240
ccctnctgtg	gcgagagaag	gcataaacga	aatcacttgn	taaatgatat	gcgatgatat	300
a						301

<210> 1177

<211> 384

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 1177

naaacaaaaat	ncattecnca	acccaagggg	tenactcttc	ccantacaaa	gtcntntcca	60
tcactcttctc	cagcttttcaa	aanattctat	tccttgatgc	cgatgccttt	cctcttanaa	120
accccgatca	tctcttttgac	gtggaaccgt	acaagggtag	cggactggta	acatggccag	180
acttctgggt	gcccaccata	tctctctgtg	tctacaagat	cgctgggggc	aagatgccaa	240
acgtgacaat	cgactctcga	agctccgaat	caggggtcat	gctttacaac	aaanacaagan	300
acgccgacag	tctcttgctg	gctgcttact	acaactttta	cgggcccaaga	ttttattaac	360
cagcttcaact	cccaaggcgc	ttgg				384

<210> 1178

<211> 302

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(302)

<223> n = A,T,C or G

<400> 1178

ncctttgcca	aagcctgcca	aaatcatgcc	aacagtgcgc	aactgggaag	ctctgggtcaa	60
cataccccc	cccagagagc	ggtcgaccaa	cgctgctat	caaatacaca	gnaatcttca	120
ttttaagcaa	gcctcaagtg	ggncacagca	ttaatggaga	tggtcatttt	cgaccgtgtc	180

cgtnaggaaa tctacgaacc aagaagctca acgttcactt gttcaactcg gtcaagaaag	240
ctcttttcaa acnttgctgg tttctttaag ggnttccttt tccttttcgt tggcaacggg	300
ac	302

<210> 1179
 <211> 495
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 1179	
cccagtcacaa gacaagcaact ggcctctttta ctcaactcgc ggagtacaaq aaccgaggcg	60
agttttgcgca gcttcacacc accattacac accacctgga tctcgccgat gaccgaggtc	120
ttgtttctcat gcagggaat gtcttgcttg acaggggtgt tacaccagag aacgccaagt	180
ggcttcttat gtctcttcag cgattctatg gcggatggga aagcgagagc gctgagttga	240
gcggcgagcg caaggaaagg gctgaggaga gaaagaactg ctgggctggt tcgcagctgg	300
tqatgggaga ttcagcgttg acaggcttct ggaagagctg ancgcatggg ttgatcagaa	360
gacatgaata ctgtgacct gaattttgac ctcatggtag agtgaaggga cgatgtttaa	420
gancgaaaca acagtcgtgc ccatcaattt tgttaaataa atagataccg tacgataatt	480
catctacttg acctn	495

<210> 1180
 <211> 308
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 1180	
ntcctaaaca tncntcctgt cgttctatn aacgttggcc agcacggccc ctccacagcc	60
gataagctna agatgggtgc catgatgggt ggaaccggng gtgtcatcat gggctttgtc	120
tttgaaccg caacattttc cgatacngng ctggtcctaa cggcatnatg anaacccttg	180
gcaatacatg gntggttccg gggcgacctt tggcttcttc atgtccattg gcagggcatt	240
cgatctgatg ctgaacccaa actgcacgan atgtatatgc naacccacc ccnctataa	300
tgtgatg	308

<210> 1181
 <211> 533
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 1181	
ctctctcttc ttctagtcac tctttgtcac tctttacttg agttgccttc acgtgtcctc	60
ccacgctcgt cgcgtcttgg agaanaaagg caggtcgaat acgtaaccg ttctacatct	120
tcaacctaat aaagggtctc gtgggtctcaa attgtgtcgc tcccaacgat caattaactc	180
gcccacatg tctgcgactc ccgtacactt ttacgagcaa gctgccgctg cctaccatcg	240
accgtccctt tggatttcac ctgtggccca tcttcgacaa ggctttcact gctgttgctg	300
gctactccgc caatgacttc aagtttgtgc ctttcgagac tcccatgtcc accctcaagt	360

cgacatcgat	cttcattgnc	atctactact	gcacatcctt	cgggggggtcg	cgagtgggatg	420
cccaacccgn	gagcctttta	agctcanggg	gtcttttttt	gatccacaac	ctttacctga	480
ctntgaacag	nggggctctc	ctggetctct	ttattingacc	antttctncc	cca	533

<210> 1182
 <211> 510
 <212> DNA
 <213> Fusarium venenatum

<400> 1182						
tttttttttg	gaaagtttca	tttaattcat	cccgacgacc	ctctatagt	tcttctagaa	60
tctaccaata	aacccatgct	ttggatatcc	atccacctta	aatccaatac	tcactcacia	120
acacaaacac	tttcaaacia	cccaacccca	aacaaccaac	cactatcaca	atggagtccc	180
tcaagcaagc	tggaactac	gtcgtgaga	ccgttcagca	ggctacctct	ggtgcttcca	240
aggaggccaa	caaggagggt	gccaaggata	gcaacgtcgc	cgccgggtacc	cgtgtcacccg	300
ctgccaaagg	tgccctgtcc	gacaagttcg	aggagaagtc	ccacgagggc	aaggccgagg	360
ttcacaagg	ggctgctaag	cagtaaatcg	aataacgaca	tgacaaggaa	atcactttct	420
gaagaaatgg	atcgcaacgg	cgttgaaagg	gaatagcggt	gggactacat	aggctgtata	480
cacttacacc	taatacaaac	agtcaaatcc				510

<210> 1183
 <211> 1052
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1052)
 <223> n = A,T,C or G

<400> 1183						
ggagtcgtct	tcgatgcca	gtgttcgggt	gtaaaacccc	tacgcgtaat	gaaagtgaac	60
gcaggtgaga	gcttcggcgc	atcatcgacc	gacccgtgat	ttctcggatg	gatttgagta	120
agagcatatc	gggcccggacc	cgaaagaagg	tgaactatgc	ctgtgtaggg	tgaagccaga	180
ggaaactctg	gtggaggctc	gcagcgggtc	tgacgtgcaa	atcgatcgtc	aaacatgggc	240
atgggggcca	aagacttata	gaacctttct	gtagctgggt	tccgccgaaa	gtttccctca	300
ggaatagcan	gtgttgaact	cagttttatg	aggtaaagcg	aatgattagg	gactcggggg	360
cgctatattg	ccttcatcca	ttctcaacct	ttaaatatgt	aagaagctct	tggtgcttta	420
tttgaacgtg	agcattcgaa	tgtatcaacc	actnagggtg	ccattttttg	gtaagcagaa	480
ctgggcatg	cgggatgaac	ccgaaccgcg	aggttaaagg	gccagagtag	acgctcatca	540
gacaccacaa	aagggtgtag	tacatcttga	cagcaggacg	gtggccatgg	aagtcggaat	600
ccgctaagga	ctgtgtaaca	actcacctgc	cgaatgtact	agccctgaaa	atggatggcg	660
ctcaagcgtc	tcacccatac	ctcgccctca	gggtagaaac	gatgccctga	ggagtaggcg	720
gacgtggagg	tcagtgaaga	agcctagggc	gtgagcccgg	gttgaacggc	ctctaytgca	780
gatcttggtg	gtagtagcaa	atacttcaat	gagaacttga	aggaccgaag	tggggaaagg	840
ttccatgtga	acagcgggtg	gacatgggtt	agtcgatcct	aagccatagg	gaagttccgt	900
ttcaaagggt	cactttgcac	cgtctggcga	aaggggagcc	ggtcaatatt	ccggcacctg	960
gatgtgggtt	ttgcgcggca	acgcaactga	acgtggagac	gacggcgggg	gccccaaagca	1020
qaqttctntt	ttnttcttaa	accaagggcn	tt			1052

<210> 1184
 <211> 640
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(640)
 <223> n = A,T,C or G

```

<400> 1184
gttgatgacc ctgcccagcc atctgaaaga agcaatggag ttagatgacc actacaacta      60
cttaggctct gcccagcc tgaacttgaa ggatttgcaa aagacatttt tcaagacggg      120
tgttttacag atcgtgtcag ctcgatctcg gccagatgct ttcacgacag aacaaacagc      180
aagcaatcct gctgaagcac accccggaat tgcgacata aaggtcacaa aggtgggctt      240
gctttggcgg aaggatgcaa agaaacgcaa ggcacggctc ccttggcagg aatggggagg      300
aattctcacc ggggcacaa tctatttctt tcgaaacaca ggctgggtta agtcacttat      360
gcaccagtcg ataccatata aaagcagggc atgatggcat accggtgatc ttnaaccac      420
actttaagag ttcaaaccag atgggcctat gtctacntat gccgaagttg cttttatgat      480
gccggttata agaacataaa atgcttttgt atacgtcnac aaggtgggct ggaaaaaggc      540
ttttggnnac aatgaggnga gatgaatgac tgggttcgcc aacntaaata tgcagccgcn      600
ttccggacca caagggttaa aaaccccggn tcttgggccc      640

```

<210> 1185

<211> 637

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(637)

<223> n = A,T,C or G

```

<400> 1185
gtgagagcct tgcacanaac gttgtttgctg cagccaacaa cccctttgcc aggacaacga      60
ttcttttatct cttcgagggg cttgccaagt ctctattccc cccagccag tcattcgagg      120
ttgagattct caaagaggtt caccagatcc gtcagacaac gagtaagaag gatgaggaca      180
ttcgccgcaa tgaactcgtc actgctattt cgctcagct catctctgtc attggtgagg      240
ttccttcena acttactgcc accgcttttg gctgccatt tgtcacagat gtctctctct      300
cgggagttgg tgacaagcag caggctcttg aggccatgc ccagtcagcc agtggcaacc      360
ccagcgagga accagcanat gatgatcttc agcccagggt acacatctca aggactcccc      420
acgggtggccg catgctgaag tcgctgaccc aaggcgccaa atacgacaag gctgccggca      480
agaatatccc cggtgacct ctttcgagtt cttcaacgtn ctctaccagt ntnaaggaca      540
cattattgga ctgggccccg gaccancta ttctgtgttc ttggttttg aggcgcgcaa      600
ntttggaaan aaccgatgcn ctcaaaanac ncttaaa      637

```

<210> 1186

<211> 637

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(637)

<223> n = A,T,C or G

```

<400> 1186
tgatgctgac aaccaggatg aatctgagct cantctttgtc ctgcgagacc tcgagctgga      60
cactctccca ggacaaaagg tcgcaatctg ttgtcgtaca ggaagtggaa agtctactct      120
gatactactt ctctacagac ttccggaccc tctctctctt tgtttctgta atatcaagat      180
cgacaatggt gacttgcatg ggattgacgg cggcactctg cgcaaacaaa tcatatgcat      240
ccctcaagac gcagtctttt caccggatgg aagctccatc aaagccaatc tanaccctca      300
caatttagtt acagacgcag agtgcctcag cgttcttaac acagtcctgc taaccaantt      360
tgttcacgac aagggcancd tcaacgcagg catgagcgcc gaaaatctca gtgctggcaa      420
taacgntttt ttagctctcg ggcacaattc tacgtctcag agctcganat aggggcnaaa      480
aanaandaaq tgggcttctt tctgctggat gaggggaqcc acagcgngg agagaattac      540
agaccggggc atgccaagaa natcatnaaa anatgagttt gagagtnttt ctnttatcat      600
tggnttccca tggggtngga natggttggg aaantct      637

```

<210> 1187

<211> 702
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

```
<400> 1187
cttgtctatt ttcctagtgc ttctccaaat ataccagtcg cttactgata agctggacta      60
ttaaaaagtt gcctttccct cctttctcaa catcagcttc cgaaacttga gcgtggctctg      120
ttcaacccca ccttcatagg ctatatccat acagtcttgg gctgctttgc gagacttaaa      180
aaagctttctt cttcatttcc ctagccagat tccagagatc attcaatcct tctcactgag      240
cattaaacca tgtcaacccc cegtgttttc ctcatcggcc acggtgagac agagtggctg      300
cttgatgggc gtcatactgg cctgactgac atccctctta ctgccaatgg tgagaagcgc      360
gtgaaggcaa cgggaaaggg tcttgctggc cgggacgctc tnatlgctcc caagaagatc      420
gctcatattt atgtatcacc ccgaaagcgt gctcagcgta catttgaact gctcaatctg      480
ggacttagcc gtccctcacc tggacaccac acggcgacac cctgatggga ctggcctgca      540
gtgtgaggcc gaagtcaaat gacaaaatat atcccagagt gggactatng tgactaccaa      600
agaatcacat cttctgaaat tcgcaaganc aaaaccnnaa aaggggatca aggggtcctg      660
ggatatattn gaaaggatgg tgctcncgtg ganaaaanccc cn                               702
```

<210> 1188
 <211> 671
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

```
<400> 1188
antaaattca tctctctcaa cacacaacaa cacaacttct tctccttaac aaccacaaaa      60
accatccaaa atgtctctgc actaccttcc tcccgtaag ccctccgcca tcgctctggg      120
cactgcttcc aaccacgggtg ttgagctcgc cgtcctcgcc cccatcttcg gccagaccta      180
ccagcgcgcc aagtctctca acaccaagga ggagttcatc cgctccaagg aggccttctg      240
tgctgcccct gcctgggggtt cttccctgac tggctctgcc cttcaggcct acggtgtcgg      300
tgetctcacc aacgccactg gcaactctcacc ctacaagggc gctgcttacc tcggcgctct      360
catcttcttc gccacctctg cttccggcta cgtctctcag atcttcgctc agaagcgacc      420
tctcgacacc gtccggcgta gctgcttacc aagctcgttg agacntcgg tctctccgct      480
ttctctcactt ggtgggggaa ccgaaccaac cctttggagt aagggaactct ctatgacgaa      540
tggttttaaat ctncatgctc nggatgggtt ttcatgaaat tngtatancg aggcctcggc      600
ccgggtgaga agtaataagg acnggaatga cntataaaaa gcaataaggc aatattccaa      660
caaatgaacn t                               671
```

<210> 1189
 <211> 851
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = A,T,C or G

```
<400> 1189
taccogtacc gctttgcaca gcaactgcacc atatcgacaa aagagagaag cacggcattt      60
ccttgctcctt caactacaac gtcagcgctc cagtataaaa tcaccttcgc catgaacctt      120
```

caccagaaga	acaaggtcga	cgtaagtcga	ctcactcccg	aggaacagcg	tctcttccgt	180
ctctacggca	agctgccctc	ccgatecgc	cacttcgcca	agcatctcaa	ggaccgcaag	240
tatttcgact	cgggtgacta	tgccatgtcc	aaggctggca	agggcgacgg	cgttgatgct	300
ggtgccgctc	gctctcagca	ccccgtcccg	gagaacattc	cccacctctc	ctccccagng	360
aacggctccg	gaaccaacgc	ccccaaagca	cacggctccg	tccccggcat	tcaggcaggc	420
agccctatca	aagagagcag	cttcctcaag	agtgcgacca	gcgtcgatga	gtctcagga	480
gacgacgtcg	acaaaccena	gggtacagac	actgctgctg	cacctgagcc	cgttgccgcc	540
gggggcgaag	gcattcccat	ccgaagatag	aagaacaagt	cgtaataaca	tgggggaaaa	600
acacaaggcg	ggttgcaata	ggaacaaccn	catgancctt	ttttatcatt	gggtttttta	660
ttatggccna	acacgaantg	gnggtttgtc	gaantttngt	gccgtgggct	tanaagggaa	720
tggcanantt	gttttgacga	cttacnagga	tcccacaatt	tgcntttggg	aaangggaaa	780
aaaatttggt	ttggncccca	aaagggggaa	nntttttatt	tgnaaccctg	aaatanggta	840
gggtggttta	a					851

<210> 1190

<211> 537

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 1190

atcaaccgtc	gagcgaacaa	caacgtccac	gatgtccgcc	gtccgattca	cccgcgctgc	60
cacgcgcgct	accgcccagc	ttcgcgctcc	cgcccagcgc	cgatttgcca	gcacacagaa	120
cgagttcctc	aaggagcgct	agcaccatca	aggagcacgc	tgctgggtacc	actgaactct	180
ggaagaagat	ctctctctac	ggtgtcgccc	cctgcnttat	tgccgcgggt	gccaacgcct	240
actggctctg	gaacgagcac	tgggagcact	ggtctcacat	gcctcctctg	gaggagcgca	300
ccgagtagcc	ctaccagaac	atccgttcca	agaactacca	gtggggtaac	ggagacaaga	360
ctctcttctg	gaacgacgag	gttaactacc	acaacaagga	caaggctcgc	taagtatgat	420
ctgttgatag	ctcatacggt	ggacaattgc	tggatcgctn	ctttaaggac	tactcctctc	480
ggagatgctt	cgtacatggt	ccctagactc	gaattggact	gatngttgaa	naaaata	537

<210> 1191

<211> 603

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 1191

aattggacaa	cgcgcggggc	atgcaaccgc	cccaggagtc	gcgccttctc	tgctctctta	60
ccattcccga	acaaccgcga	atgagtcacc	cgctgttggt	atgtccatga	acatcccac	120
tttgacgccc	aaggcgcagc	cacagcgctc	cgccggaaca	ctaagcaaac	tgagtggcta	180
ctggaaaggc	agcagagctg	ctggcaccct	ctcaactctt	cgthggcggg	gccccagtgc	240
acagaacggt	catactctatg	agggcagtg	ggcacacgac	agtgcctgag	atgtgagggg	300
gattatcgag	cggcaggata	gggatgctga	ccgtctcaaa	aatgtccgag	catgctgaga	360
tggcaagcat	gatgttggaa	ccctccacct	tacctctaa	cgaggccgct	ctggaaacaa	420
ccacgcgcac	tctacgcact	ctcagcctgg	acttacacac	tctcatacta	ccatgtcttc	480
tgtacgctct	tcaggtttta	cagacgcata	catatcacaa	ctattccgct	cctgtaaaata	540
ccattgttga	ccatttccact	gggtgtcaaa	ctcaccctgt	acgatcgaca	tccttcttga	600
ctt						603

<210> 1192

<211> 594

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(594)
<223> n = A,T,C or G

```
<400> 1192
ttggactata ccttatgtcg ttggtgatat acccgttcc ttagaggcca tgacgtgtac      60
tgctgtaggc aagaactcat cgtgtttggc ggaggtgacg gtccggagta ctacaacgat      120
gtttatgttt tggatacaac aaactttcgg tggacaaagc cgaagattat aggagacaag      180
atgccctcaa agcgaagagc gcacactgct tgtctttata agaacggtct ttacgttttt      240
ggtggcggtg atggtgtccg ggccttgaac gatatatggc ggtagatgt tgccgatgtc      300
aacaaaatgt catggcgact ggtttcaagt tccgataagg cgagtcctgg ggaccaaaga      360
ctaccgtccc aaagcaagag gttatcacac ggccaatatg qtgggcagca aacttatcat      420
tttgggtggt tctgatggcg gtgaatgttt tgacnacgta tggggtatac gatgttgacq      480
cgcaagtgtg gaaagcagtg gccatacctg ttgctttccg tcgctgtca catacgnca      540
caatagttag ctcatatctc ttcgttatcg gtggacacaa tgggagcgag tate      594
```

<210> 1193
<211> 1020
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1020)
<223> n = A,T,C or G

```
<400> 1193
gtttgttaca tagtgaata gcgatggagt tctctttact gtgtttgttg tgtgtattga      60
cgccagtaat ggctcgttc cctggaggct ttgagcttcc gtcttagctc aaattctctc      120
ctcctctcgc gcgcagataa ccccgttagc aaagacggca actgtggctc taattccgat      180
ttcaatgcaa catgcctcac atccactttt ggtaactgct gttctgaaaa agggttctgc      240
ggcaagactg tggcatactg cgccgaaggc tgccaaagtg tgtttggtac ctgtggaaca      300
ggtagtgggc agcttgtag tacctcagga tcttgcggtg cgacatctc tagcaacatt      360
acatgtcaag gaagcgagtt tggaaactgc tgctctgana agggctactg tggcaagact      420
tcgacgtatt gtggtgctgg gtgcaaagc gggttcggtc cttgtgaatc cgatgatgag      480
tctcttcggg ttactacagc cactacagca actcgtgaga cttcaacctc gatagcagca      540
tcagaaacga gccttggtgc tatctctggt gatggtaact gcggatccaa ttcaaaccac      600
agcgccatct gcgaangcag cgagtttggt gattgctggt cggaaaaggg atactgtggc      660
ggaagctcga actattgagg agcgggctgc caatctgaat tcggttcctg cgattcgaca      720
agctcatcag caagtccatc atctagctca gacccgacaa gctcaccact aagctcagac      780
tcgacaagct cgtnacagg ttcccttagc accggtgcc aagggtggga tcgcgatcgg      840
gtctgttatt ggtggcctcg gattgataag ccttctancc tgggttttga tacngaagaa      900
naaacgaaag ccgatatccc agtgatggaa nttngtgaag aaaaaaccca caatgccccn      960
aagtntgaac tgaaanggga aaatcatctg aattaaatgg aagaaggacc ccgctgaatt      1020
```

<210> 1194
<211> 360
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 1194

gtgccgnttg	tcgagcattg	gtgcgccagg	tccagagcct	gatcaaggag	cgcagccaag	60
aggacgacca	ggtagactac	accaagcttg	gcgcgcacga	gttcaagggtg	cgggaaatgg	120
aacagcaagt	cgagatcctc	caattggaga	acgccttggc	atcggctcgt	catcgtttgg	180
gcgagatgcg	gaagatctct	taccaggaag	agtaagggtg	tgaatatggg	cttgntgaca	240
ggtattcgng	gtattccggg	gccaaagagt	gttncggctg	gccttatcat	cttgaggtag	300
atgttcaaat	taagacattt	aatcgcaggg	attcttttgc	taanaaaaaa	natggtttaa	360

<210> 1195

<211> 1424

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1424)

<223> n = A,T,C or G

<400> 1195

ctcaattgtg	actattacat	tcatttttcgg	ctttgccatt	acgatcattc	cagctctaca	60
gcaacttgcg	ttttctcgcg	tttcaacttg	aatactttct	ttagtgaagc	aaaactgtgt	120
cttgcttgct	acctgaactg	tggaatcgat	ttctacagcc	attacatcgt	atctacgttg	180
tcatagacaa	aactgaagct	accgcaaaaa	acctacatac	ccaaccttca	aaatgaagtc	240
cgctgctcgt	agcatcgga	tgatcgccgc	cgtggccaac	gcctaccagt	tccccagca	300
cgcccactac	cgccgagact	acaacggaac	cgactctcag	accactctga	ccgtcaagac	360
caccgtcgtc	gagaccatca	ctagctgcgc	ccccaccgtc	accaaactgcc	ccagccgtga	420
ccagactgcc	attgtctcagc	tccttgagtc	cgacaagaac	accctcactg	cgacccacac	480
cgctcatcctc	actgaagttg	tctgtcccgt	ctctgaagcc	agctccatct	acacctccgt	540
ccttcacgat	gccgaaaatg	gtgggtgttac	tggcaagacc	atcactgctg	aggggtcccat	600
gaacactggc	ggtgtcttacc	ccccctccac	cgagaagact	attgtctccg	actacaccac	660
tgatcagggt	gttactctta	cccagggtga	ggagactatc	accaccacca	tccacaagaa	720
catccagaag	actctgaccg	tcctgtctgg	ccttganggt	caccaacgac	ggctccaagg	780
gcaacgggtac	ccctgaggat	gacaccacca	ccaccaccac	caagaccact	actggcacca	840
tcaccaagac	catccagcgt	gttgatgaga	ccggccccgc	taccggtggt	gacaacggct	900
acagcactgg	taagggtgag	ggtgaggacg	atggctccaa	gggtaccggc	aacggtaacg	960
gtaacagctc	caacaacggg	ggctccggct	ccggctccaa	caatgggtgg	aacggcaacg	1020
gtgagtggtg	ccctgagact	gtcaccgtca	ccgtcctctg	ctccactgtc	tatgttactg	1080
ttgtccctga	ggctgccaa	accaaagggtg	ctgatgaccc	tactgtcact	ggcaaggctg	1140
ttgagggtga	tgactcttaa	ggatgatnat	naaggacgac	tccgccgagg	ataagatctt	1200
gcgacaccac	caccacctc	gacgtacctg	gtcactgtcg	tccctttacc	cccgttaacg	1260
gcaactgtac	gggtgggtac	gccaaagcca	ctggcttctn	tcgccgtctt	cggtaaatgt	1320
ncacggacaa	cttccatgta	tatgaagtct	tgtcagtaca	ttaatcacca	ctttgggtac	1380
ttntttgggt	aggcatctan	tgaaagaaa	gcttcctttg	gata		1424

<210> 1196

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 1196

aigtcccgag	tacccccaag	gacatctcct	ctgtccctga	cggtaactgcc	ggggctcaag	60
ccggactcga	cnataaaactt	gcgggggttt	cgtgtctctc	tccgcaggtt	catgcccata	120
atggatatca	gtcacacagg	gcagttgcac	cggntatgca	tgtcagcaen	acttttcagg	180
acagcgacca	ccctgatgcg	ctgaggtcct	gggataaacac	tgatcctnaa	aacctctctg	240
actctnatgt	ctactccaga	gcaactgggc	caaacactac	ccgctnnaag	ctgtcttgac	300
atccatcatt	ggtgctccaa	ccgtaactta	ctcgtgtggt	ctatccgctt	tcacgccatg	360

ctgggttcaact	tgaacccccag	gcgcaattgcc	atcggagatg	gctaccacgg	ttgccacggc	420
gtcatcagca	tnatgtttng	tttaaaaagg	cctcaangnc	tcccccttga	ctgtgccgtc	480
gangactcga	gcctggcgac	atnngccacg	tnganaaccc	nttaaccaac	aggngaggcc	540
cgcgatttgn	ttgtntttca	aaaaaaggna	aaaaaagggtg	gggcttac		588

<210> 1197
 <211> 511
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

<400> 1197	
tgcaattgtg	cccagctggg
acgttttgggt	tgataaacacc
aagacaatga	gctacgcggg
tggaatgca	gatgcagaag
atcaggacat	caaagatact
gatgtcaagg	ctgacaaaana
naaagagggt	tggtcantt
tcaanaacna	aatcattcgc
atcgcccaca	ccttgaggct
caagggatgg	aggcgtatc
ccctgggngg	tggtgacatc
atttctgttg	tgaggttgag
cggtgccctg	accaatgctg
tatacgtcgt	cacgcctccc
aaggaaatcg	atgaggccga
cggcaggcna	aagccctcca
aagtcctcct	acgtatctac
ggacctcagg	tcgagcacct
nattgatcga	nacaatgaac
tctcagtttt	gcaaaggctg
gcacgcaaga	aaatcggacc
tagattgctc	ggcactttcc
anaatggccg	cttcgagcag
tacttcgaat	ccatcacact
cccccgaggg	atcttcgaga
ccctgacacg	t
	511

<210> 1198
 <211> 244
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 1198	
gcgttcagaa	cggggcggnt
acgtgggaga	gtgaccccaa
ccggaaatat	accgttcctt
cgacttgccg	ngtgaaaagt
gctgtgcaga	gntatgtttg
gcgggtgatca	tcattgtccc
atgaanagga	ggaattggta
cgtgggtattg	ganangtggc
gctgtcatat	tcagtntata
tgtgngatcc	tgtgaaatcn
caacgcatag	agacccaaaa
aggcccacct	attcgtgtgn
aata	
	244

<210> 1199
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 1199	
caatttgata	cccccaattg
accttgata	gcatacctgt
ctcatctcat	cttgcatcaa
aagctcgctc	atcatggcct
tcactacaaa	tgcacacatc
aacagcttcg	gtggagcctt
cctcaagctg	tctcacaagt
ccggcgtcac	tgyaactccc
atgaacgcaa	ccctttacct
ncgcggctcc	gcctcatctt
ccaagccccc	gcctctcctc
gtctatctct	ccggcctcac
atgcactccc	gacaacgtca
cagagaaggg	cttctttcac
cccacgcctn	caagcttggt
ctcgctcttc	tctacccaga
cacttctcct	cgcgagaccg
acctgcccgt	gagcacgact
	360

cttacgactt	tcgnagcgtg	ctggtttctac	atcgatgcc	agaaggaccc	tacaggcagn	420
actncaggat	ggngacatnc	attaccaaaag	agtgtctgacc	tcatnttcag	gaggtcaagg	480
aggtggctaa	tgggccgttc	atthttggaca	ttaatggngg	ccccgggctt	tgnccttgtct	540
aanaccctgc	aggcaaaaaat	tcnagggttg	gttctttttca	accttttta		589

<210> 1200
 <211> 693
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = A,T,C or G

<400> 1200	
cggtcccaag	ggagatgcta
gaacaagcag	gtcatgtctc
gaagaagcag	aactaaaagg
tgaatgacgg	gtctagcatg
tttcttaaaa	atgaatcaga
cctcgacctc	ctccctcttg
ccctctggtc	gtccgcgcgc
ggtgggtgctg	ttgagctcgt
ggagtcgggtt	gggcttgat
ggtgaaaaac	aaagcctgcg
tgggccaggg	acctaggtcg
taacgaata	aaaatcgatt
	ttcgcccatg
	att
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	693

<210> 1201
 <211> 363
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 1201	
cccgagcgtc	cgtctctcca
ataccgccac	tatcaactacc
ccatctcgaa	atcacatccc
ccgcggcacc	aacacccggt
cggaagaggt	tcaatagttt
cactatcggt	gctgctttcc
ttc	
	60
	120
	180
	240
	300
	360
	363

<210> 1202
 <211> 501
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 1202	
qggaccagga	aacaacatcg
	gtctcctggc
	agcaaagaca
	tgtgccactg
	gagtgcgagg
	60

ccgatattac	ggcatcgctg	ccgcagttgg	taaaattggc	gcttttggtg	gaacatacgt	120
gtttccgtac	atccaggctg	ccggaggaaa	caaaacacaa	agcgcacagt	atcccttctg	180
ggtgtcatcc	agtctttgca	ttctttccgc	actgattgtc	tttttctgca	tcccgcatat	240
cggccaagat	acaatcacccg	ttgaaagacc	aaaatttcgc	cgaaatat	acaaaacagg	300
gctgggacac	ggctccaaat	gggcctccaa	tacactgata	tccaaagcag	gttaccag	360
gactcccaga	actgaagaaa	attaaattga	ctttatataa	atcccgat	gcnctgcata	420
ttcccattac	naaggagca	tttganocct	ttcatcggtt	nttgacacac	caattttnt	480
ccttttaacc	cccgaatac	c				501

<210> 1203
 <211> 623
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 1203						
tttttttttt	gttcggtgaa	gactttgnga	tctattttcc	cttttcagac	ccgtctccca	60
tgatcagatc	cctaaccgta	atgtcgatgc	aagcaatccg	aatagactcc	acgtgtcgaa	120
atatgacttt	gtttccatcc	acgcgtcttt	cgcttaagaa	cggggcttct	ccttcttctc	180
cttccacaga	gcaaggagac	cgacaccaga	gaccttgacg	accttgaatc	gcacaccggg	240
aatatcaccc	ttggccttgc	ccttgcgcaa	cacactttta	caacctttcg	aagtctttct	300
tcaccaatac	cttcaacatg	tctccctgct	cttgctgtaa	ccacgcccgc	gcttcttgca	360
ccagcgtttg	ctnttgctgc	agcactaaat	tccttcttat	tattaatgcc	tgacaacact	420
tggtttacaa	ccacngtcgc	gacaatgtct	tctttgacac	attgaggaac	attcaggaac	480
aaagcctttg	ctaagcaagt	cggacagata	tgagaatgga	aacaatgaat	agaaatggna	540
caaaacatgc	gaaaagtagc	tgtgacggcc	aattttcgat	ggtagcgcag	nggtagatac	600
aaaatgggaa	ttgcattgccc	ttg				623

<210> 1204
 <211> 626
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(626)
 <223> n = A,T,C or G

<400> 1204						
ctattccaaa	gctctttogaa	gcagccacca	attgagtgcc	gcgacaacac	cacaagaatt	60
ctcaaaagac	ttcaaaatgg	cctcaattgc	gcgttcctct	ctgcttaggc	agaccgctat	120
ggctttctga	ttggccactg	ctgctgtccc	cgcgaccoga	agcgttttca	tgcctagcat	180
ccgaactcag	cttaagagcg	ttgctgcttt	ccacaacacc	acccgacgat	ctgctattct	240
ccctcccggg	cctcagcgca	ttgaggggtg	agtcaacgat	cctgctcccg	ttcccagacc	300
cggtctcact	cacgggttct	accactggac	tttcgagcgt	ctcctcgccg	ccggcctcgt	360
ctccttttcc	gtcgtctctt	tcgtctgtgg	ctccttccac	cttaccctcg	accccatcct	420
ctgcagtgtc	ctcctttctc	actcccatat	gpgttttccag	caggctcgta	tgcactatat	480
ttcctcaagg	aacctaccc	ggctctccga	agaatttcaa	ctggtcttct	aatattgcta	540
cgggttttgt	cggcgtggga	ctgtactnant	tcganaacaa	cgacttttgt	atcacogaag	600
ctgttcgaca	agtttggaag	gcgtta				626

<210> 1205
 <211> 720
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

<400> 1205
 cggagatcta aaggaatcga catatcaact tcgttatgca gctcgtttga atgacccaac 60
 cgccatgctt ctctacgccc tggcttgccg gcatggatgg ggcattgcgcg caaaccagaa 120
 agaggggtgtg gaattggctac gaaaagctgc cgaatacgtc agcgtcgaga tcgcagatga 180
 tgagagccat gtaaaggaag gcaagcatgt cgatgtgata gaacgaagaa cccgaaaagc 240
 ccaattttgcg ttgagtattt atgagttggg cgtgagccat atgaatggct ggggaatcga 300
 gcaggacaag tctctggctc tgcgggtgct cgagatcgcc ggtaactggg gcgatgtcga 360
 tgcgctagct gaagctgggt tctgttatgc tcaagggtgt ggctgcaaga agaattctaa 420
 aaagagtgcc aagttttatc gcatggcttg aagccaangg tatgagcatg gttgggaaca 480
 gttggatcca caaggcttaa tacgacgacg acgacaacga agtctactac gttcaagaag 540
 gacaaaaaga angccaggaa caagtcacca ccanaactat gtttggacgg aantaaccga 600
 aggcncactt cagtgaacnc ttactacnat aatgatactc tccactaccc ntlatccgan 660
 tttgactggg ttccctgacg nggggttcat ggggtctagg aagaaanac ttttctctc 720

<210> 1206
 <211> 596
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

<400> 1206
 aaggacgggt ctgcgaagta tcaccttgat atcaagctag atactcttgt gtccaagatt 60
 cgcttcgaca agagtgggtc caagcctcgt gccgttggcg tcgactatct tgaaggctcc 120
 agttttataca acgcgacatc tcgctctacg tccacaaagc ccagtgactc cggtagtggt 180
 aacgccaaac gcgaagtaat tatctctgct ggtagcttta acacgcctca actgctcaag 240
 cttagtggta tcggacctaa gaaggagctc gagtctttcg atattcctgt tttagttgac 300
 cttccgggtg tcggaaccaa tctccaagat cgctatgaag caacagtgat tggcaagacg 360
 gcaaggatt ttgtcatcac atccaagtgt actttcatgg agacggatcc tgatccttgt 420
 ctggaagatt ggaagaaagg tctaggacct attgacaaag gtgtatacgc caccaacgga 480
 attgcactgg gcagctgta tcaagtcctc agttgctgag aatgaaccag atcttctggt 540
 ttctggcgcg cctgctaagt tcaaagggtg cttccccggg tacgctcntg actcac 596

<210> 1207
 <211> 599
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(599)
 <223> n = A,T,C or G

<400> 1207
 caggccccag ggcattgacac ctatcaatcc gccaaagaag accaagccag tgcgggtggca 60
 atttggcatt cgatcacgta actctccctg ggaagccctc ctctgtattc acaaggcggt 120
 gtaaaactta ggggcccacat atattcccga cqaanattat gagtcgagga cagcagaaga 180
 gcgagctgaa gcttcgggcy atagcagttt cgtggactcc catgatgggt accgtyggtc 240
 caattcaagt attgatccca agaagcggtta caatcttcc tccgaccctt ggcacatcaa 300
 cgtgcgctgg gatacttctg ctattaaaaa gaagctggaa acacgcccag tacaccaggt 360
 actcccagtt cgcacagtac accagatggg cattattcta aggaccattt gttgcgctgc 420
 actggacata cngatctacn aaatgganca tgggnttacc tcttcaatto aaatgctcag 480

gatacaaaac nctcacnggc antacttgaa ganaaagant taccagccct tcccttttcta	540
nacttgntgc caanttgaat atgcacttgc aaaggcgaat aaaanaaatt tgctggttg	599

<210> 1208
 <211> 581
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 1208	
cttgactctg tacaacaagc tggtcctcgg aatgttccac ttcccgtggc tctttacttt	60
ccctccacgct tcttttcgca gtaactggac atatctcatg atgcagatgg gttacttcaa	120
gtctctctcga ctgggacgac gtgagaacct cgtctctcgtc gtttccagcg ctctctttac	180
tgccaacatc gctgtctcca acctgtctct agccatgggt tccgttccct tctaccagac	240
catgcgcctg ctgtgcccga tcttcaccat tctcatctac cgtgtctact acggccgtac	300
ctacagctac atgacctacc tttctctcct tccccttatt atcggtgctg ccatgaccac	360
tctcgggtgag atgagcttca ctgatgctgg tttccttctc accattctcg ganttggtct	420
cgccgctctc aagactgttg tcaccaaccg attcatgact ggctctcttg ctcttcccc	480
aattgagtcc tcttcgcgat gtctctctc gccgctctac aggtctctggc ctgcccactg	540
ccaccgggtga agtcagcgct tccacaaagc tcatcacctc c	581

<210> 1209
 <211> 633
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(633)
 <223> n = A,T,C or G

<400> 1209	
tttcaaagtc cgatcagtag cttgggaata ccaactgatca aaatgacaca aacacaatca	60
accgacaacc cggagacctc tcatctcccc cgcattcttt gtctacacgg cggcggcgta	120
aatgcagaag tctttgaact acaatgccga gttctcatca agcatctgag atcttctctg	180
cgttttgtat ttatgcaagc cccattttatc tcggctcctc atccagacat tgtcagcggt	240
tacgggtgaat acgaacctt tcggcggttg ctccgatggc aacccgacca tgaggagatt	300
gagcccgagg ccgcgcgca gttgatccgg gaccagacct gccgagccat ggatacagat	360
cccgggaccg gagagtggat cggcattctg ggtttctctc agggcgcaaa gattgctgcy	420
agttttattgt ggacgcagca aaagatcacg gagcaattcg gaccagatga aagccttyac	480
tcaattcaag gttgggtggg ctcatggctg gaagaagcac ctntcattac actgggacca	540
ccgactggaa caatccacca ccaattgggt acgccggcca tgctgagctc aaaagttcaa	600
gyactggggc tgagtcgaac aaagggggaa cat	633

<210> 1210
 <211> 1027
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1027)
 <223> n = A,T,C or G

<400> 1210	
naatacttgg ccaatnggcc tcttcttttt cctcttttcc tcatctccga attgtttctc	60

taaccgccat	gcgtttcttc	cattcgcttc	tctcctttgc	cttgcttgc	acaggcggtg	120
tggctgcaaa	aaantcctcc	gccgagcgat	tcaacgaatt	ccncgccaaa	cagatctcga	180
cgcctctcaa	gctcaaggat	tccacctaca	agtccttgac	atccacacct	cgagactaca	240
gtgttgccgt	actccttacc	gctgccgatg	cgcgattctc	ttgtcagtta	tgccgagaat	300
ttcacctga	atgggaactg	ctaggcaaga	gttggaaaca	aggcgacaag	gcagccgaat	360
cgcgactggt	ttttggcaca	ctanatttcg	ttgacggtag	agataccttc	atgtcgcttg	420
gtctctcaac	tgctcctgta	ttgcttctat	tccatcctac	ggtcgggtccc	catgcatcag	480
ctaagaagga	acccgatcgc	tatgaacttca	acaactggacc	tgcatccgcc	gaacgagttc	540
agtcattggt	cgctcgttct	cttcctgacc	gacctcacc	tagcgttaag	cggcctatca	600
actacgcagg	ttgggtagtc	tccatcactg	ctgtaattgg	agtcctcact	gcggtcattg	660
gtgcttgccc	ctacctcgct	ccaattttca	aaagcccgtg	aatctcttgg	gctgctatct	720
cccttatggt	tatcctggtg	gtcatcaagt	gggcatattg	ttcaaccaca	attcgcaagg	780
gtcctttatg	ttactggtga	tgggcgcggg	tgggatcaac	tacattgtcc	caagttttca	840
agcagcaact	tgggcttaaa	gacccaaatt	ggggggccgg	cactttaatg	gngntctgtc	900
attctgcggc	atactcttgc	catttaaagg	ccgncgaatc	gtgatgcca	agactaacia	960
gtgcgcgcaa	tggggtttng	gggggcttct	tctttctctg	ggtacaagct	tnttggttga	1020
gcgnggt						1080

<210> 1211

<211> 654

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(654)

<223> n = A,T,C or G

<400> 1211

gacataacct	gaacaagagg	gaattccctc	agtaactcgt	atgtgaagct	atgagaatcc	50
tccgcgcctg	tgaggtcggc	gaaccccccg	cttcgatcaa	gtacgagcta	cacatcaacc	120
tcaaaaaccg	ccgtaaccgg	cctgtcatca	agaacacgct	ccgtctacct	cacctgtcc	180
aaagcgattg	gcaaategcc	gttgtttgcc	ccgaaggcag	cgagatcgct	cgtgaagcca	240
ccgcgcgagg	tgctgtggcc	gttgggtcaag	agacctctct	cgaagccatc	cgacaagaaa	300
agatcaactt	tgaccgactt	atttgccacg	aagccagcga	ggctgcctca	acaagggcgg	360
tctgggaaag	atcctcggtc	ctaaangnct	aatgccacgc	aagcgtatgc	gaaccattgg	420
tnccgatgtc	gncaagncta	tgcgagactn	tggcgngnct	ggcgaatatc	gngagagana	480
aggnggtatt	cgtctgggta	ttggacaatt	gggatactng	nccgacaggt	taaagaacaa	540
cattaaggng	tgnttgggca	anatnaagga	gaagggaccc	ggaatttaaa	aggaggggct	600
taaggaagtc	catgagggtt	ttttnanaca	acaaatggac	caggtnntaa	cttn	654

<210> 1212

<211> 640

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(640)

<223> n = A,T,C or G

<400> 1212

gttatatcaa	caaaaacggaa	cctcacaacc	atcctcacaa	tgctcgtcca	acgatccgtc	50
ggctgcgcct	cttcgggcct	taccgcgcgt	gctttctgtc	ctaagcccca	gcagactcga	120
cttgccqcca	cccaagctgc	tcccgccggt	tctcaccttc	ctgccccagg	tatgcctcct	180
cagggtgcgg	gtttctcagg	tcctggactt	ctcgttcaaa	tggccaguan	tgttgccggt	240
gtgcgtatcg	gttctctcagt	aggccatgcc	atcgggtggc	tgttcgggtg	ctcctccgag	300
cccgccgcct	ccgtccaggc	tcaagctgct	cctcaagagc	agtcctggaa	ccagaacaa	360
tgcgcgcgta	ttgccagaac	tttacaaagt	gcattggacga	caacaacgga	aacatgcaaa	420
tttgcaactg	gtatcttgaa	caagctcaag	gnttggcagg	ctgcttctag	ccagtaagcg	480

ttgacttgga gattatacga ataaaaagac ttggtatcat tatnggaaaa ggaaacaaca	540
tcnggggata aatccctgac aagcgggtgtg ctaatagaaa nctggtagga atactatgnt	600
acatntcgac caanccaatt ggtaataca aaacaagaan	640

<210> 1213
 <211> 598
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(598)
 <223> n = A,T,C or G

<400> 1213	
caacacaaatt caacatgacg acaaaaagtt! ggagccgaaa cacacaagcc ggtgctgctc	60
tggagaaagt ccaagaagcc attcnaaacc ctacagcagc gtraaltcca aaqccgcctt	120
ctgaccttga tgagatcaag gctgatagcg attcattcac tttggcttca ttcaccacgg	180
aggatgcttt cgagcttggc aatcttntat acgcccgcct ctaccctttc gctcttgagg	240
gcaagccaac agtgatttca attgctctcg caaacacttc tcaggttgtc tttcagactg	300
tgactggacc tgggtacagcg cctgacaacg agcaatgggt ccgcccgaag anaaacacag	360
tcctcagatt cgggttcagc acctgggtta tgcacaacaa actcaaaggc gatgaggctg	420
cctttgctgc aaagtatgct atcgccgact ccaacaaggg cgactacgct atccacgggg	480
gagctattcc tattcgtgtt cngggcggtg aggnaattgt agctgntgcg ttgngagtgg	540
actgaancag gatgaggatc atggagtttt tggaaacgtc atcaaaaata ctggaact	598

<210> 1214
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 1214	
tcttcgacgg gttcaatgag tacaatttca acatcgatgt catggcagcg gcatacgact	60
ctatgaagca aggtcttaca cttgtcgaac aagagatgcc tgcattctatt tcattccacg	120
tgcctcgatca gtatcacaag cgcattcatcg gtattgggtg ccagcacatt caacgcattca	180
tgaagaagca ctcagtcttc gtcaaatatt ccaacgctat ggatcgagga ggcattgggtc	240
gggaagatga tgacatcaag gtcgacaacg ttatctgccg cacacctgcg cgcaatgcgc	300
agaaacctgga cgtgtgcaaa aacgaaattc tggagatggg tgaccgcgct gattctgagt	360
acacctctca gattgtcagc gttgacgtct ctaccatcgc cagctcattg ccagactccc	420
cgatatcgat ggtttggaac gaagtacact gcaagatcaa cttccctagt actgancagg	480
ccagtgatga agtgactgtc acggtcctca gtggcaggtc ctcattgtgt caagaatcct	540
gggtntggtc ctgataagca caacttgtcc tgctagaacc cngaattga	589

<210> 1215
 <211> 644
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 1215	
aaacgaagac cgcancctgc gcgttgacgg tcagcgatgg ctcactttta tgaacaagga	60

catgaactgg	ggctacaaga	cgacgcctca	ggaattcgct	gatagccgag	agctggatta	120
ctctcgcgga	aaaggtcttg	gtgggtccag	cgctatcaac	tttgggtgtt	acagcgttgg	180
tgctcgtgac	gattacgaag	agtgggcgcg	tatcgctcgt	gatgattcat	actcttggga	240
gaagatccaa	aagagatata	agagtcttga	gaactttcac	ggtgctctac	ctgaggggat	300
tgacaagaag	tatgctgctc	ccaagagtga	ggatcatgga	agtgaaggaa	aacttcattg	360
tgggtatgcg	agtgaagtgg	gagaaggatc	ttcctnccgt	tcttgaccctc	tttgaggatg	420
caggctttca	ctgaaccctg	atcacaaactc	tggcaaccct	cttggaatgt	ctggctctgat	480
caactcgagt	cacaagggac	gaaggntac	agctaataac	tgtttggaac	ctaaccctgag	540
aacttgactg	tattgacaga	ttcttntggg	cagcgagtaa	ttcttnaggg	naacaaggct	600
ntggagttga	agtcaatgga	aagaagtctt	tgntttnaaa	ggaa		644

<210> 1216

<211> 595

<212> DNA

<213> Fusarium venenatum

<400> 1216

gatttcgata	catcttcgtc	gttgagggac	cttatgggac	agcgaacatt	acagcatcag	60
tcggatgggt	accctgatgg	cgttgatctc	agcagtggtg	acgaagaagg	tgacgaaccc	120
gatgactcgc	ctaatacaga	catctatgcg	accagccgag	atccaaaggc	gctgccaaac	180
cgctctcgac	aagctgcccg	cgtaccagt	agtgcctcgt	cggctgccgg	cactgctcgg	240
ggtgcaagca	agagtcacag	tggaaatccg	gcgttatccc	gtgatgatag	ttccgtcgtc	300
actcggggcg	cggcggagag	tgggttacag	agcagtaacg	agagtccctg	attctacgtt	360
gatccaatat	gtttgtaaca	tattattatt	ctgcatttca	cgattttttac	ttgggggttta	420
ggttttaatat	agaatgaaaa	aaaccgggtt	tcttcacata	tttctataacg	gtcaggggaac	480
aaatttgaat	ctctgttttc	aagggaagg	tgcataagtc	gcatttagct	tggcctttag	540
agaagaaagg	tcattgatcc	ccgggggtact	ctttttatga	gatcaaagg	tgcca	595

<210> 1217

<211> 224

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(224)

<223> n = A,T,C or G

<400> 1217

nancgccaaac	tatgctntca	gcgagactcg	caaccctgtg	cgaactctca	agatcgnctg	60
tcctaccgcc	atcatctctg	tgtccatcat	ttacatnctn	gtcaacatcg	cctacttcgc	120
tgtgtgtccc	aangncgaga	tcattgcctc	cgagcgtctt	gcctgtcttn	atctcttccg	180
naacgttatg	qgtctgtctg	ccgagcgcgc	catgtctggc	tttg		224

<210> 1218

<211> 776

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 1218

aattnttttt	gttttttttt	tttttttttt	ttttcaatca	taagggtctac	catttatatat	60
tttaattccct	gggatgacag	gcgatattgt	ttattgtcaa	ggacttttatc	tcataaatta	120
ttcagcatat	ctgcaaccct	gaacgnggat	ccaaacctaa	cccagctatt	atgcanacgt	180
agggtaggnt	tagnggcaac	tntaatgaac	caatatntca	ttcctcctta	agctcaggag	240
taacggccca	gcgccttcca	taaaaanacag	ngcccaaaag	ctganagcca	acgatgtntc	300

caaggtaggn	tccaacaaca	atngtaacgg	gccanttttg	ccactcacga	tcccagtcga	360
nagggatagg	aacggttcca	agccacgctc	caaccactgt	tccgagaaaag	ccgccaaatg	420
tctgatcgaa	aggagcanac	acgccacaac	cagcctgtag	gggaacggga	tccgatccgc	480
gaacgtanaa	nactgggtat	atcgcgagga	cggcaatgtg	agcgcanac	aanaatgtgt	540
ggggagcgtg	agtaaggaac	ggcncgcca	aaaggacgag	taaantatgg	agggcgggcg	600
tcaggatgag	tgccaaaaac	aaanaaataa	cagnngtagg	gaaagacttg	cttccttccc	660
gtcagacttt	ttttttaccg	ggacccgggt	tnntanatga	aaatgaaaac	cccgtggagg	720
aanactcaca	ttaagtaaac	tgctgaacaa	gancactncg	gaaaaccaat	ttttaa	776

<210> 1219

<211> 452

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(452)

<223> n = A,T,C or G

<400> 1219

gaaaaacttt	gagaaaggaa	gccgagccca	tcgaaaattg	aaagcctcct	tgacgcactc	60
gattctttat	agtcgttgta	acaacaccac	tatcaattgtc	aggggcaagg	ccaaccaant	120
cacggttgan	aactcactcg	actctcctga	tcggtgacac	ccttgtttca	accgtcnacg	180
ttgtcaaggc	tcaaaattcg	ctcttcaggt	tatgggtacc	atccctaccg	ttatgcttga	240
ccagatcgac	agcgcacaaa	tctacttcng	caaggaaagc	ataggaacca	aggtctcaca	300
agcaaatcgg	cgggcntcaa	ccttaacgtt	ntctctggcg	aggacaaaaa	tacagggang	360
tgccctctgcc	ccncaaattc	ctcttctnca	acaattccaa	gggananttg	gtcnccaaat	420
ttntgggtccc	cccggctaatt	acaaaaggcc	tt			452

<210> 1220

<211> 366

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(366)

<223> n = A,T,C or G

<400> 1220

cggaaaaagc	cagcagttct	gccatcttgg	tcgaccctgt	tattgcaact	ggtggaacct	60
ggcgtgctgc	catccaaacg	cttcgtgaat	ggggcgcgag	acgaattctt	gttctctctg	120
tcattggagc	taatqagggt	gttcagcgag	ttgctgccga	gtggccggag	ggatgtgaag	180
tctggatcgc	ggcgggtggac	aacgagctga	ccagtgtatg	tatgttgaag	cccygnctgg	240
gagatgtttg	tgacaggcta	ttcttgacca	ttggtaaata	agaagcgtca	acgaattctg	300
tttagatgtt	gattccaatt	gcataaacat	aaaggctagg	tagaatacat	ttgntatata	360
cccatt						366

<210> 1221

<211> 200

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(200)

<223> n = A,T,C or G

<400> 1221

nqqqnaata	ctgctcgat	gctcnctnac	tcgttgggtg	ttgctgggtg	taaacacatc	60
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atcactgtcg	accttcatgc	atctcaaagt	cttggnntttt	tcaaagtgtc	ttgtcgacna	120
tctacatgca	aagnccatcc	tccaaaatgg	atccgtcaca	acgtgtntaa	ctggcgcgaa	180
gnggttgtgg	cttcaagaat	gc				202

<210> 1222
 <211> 609
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 1222	
caccaatttt	60
cgaactcata	
tactgggggt	
aaccatccaa	
ttggatattg	
cgctcagctc	
anggetggga	120
ccaagctgtc	
aatatgtcgc	
tctttctaaa	
catgatccgt	
gacagattca	
tcacgatacc	180
agcacaggaa	
gaagactgca	
caggcaaaac	
attcgtttgt	
acaggagcaa	
acagcggtat	240
tggccttgaa	
acagtcctgc	
atcttacaga	
acttaaagcc	
gccaaaggtga	
tcttgacatg	300
tcgaagtatt	
gaaaagggcg	
agcaagccaa	
gaaggacatt	
gaagaatcga	
ctgggaagca	360
aaatattgtt	
caagtttggt	
atctagatct	
cgcttcgtat	
gacagcgctc	
gggaattcnc	420
ttctcgcgtc	
aacaaattgg	
agcgtgtcga	
tgcttcctc	
aacaacgctg	
gccttctcga	480
tttcaatcgt	
gagatgattg	
atcaatgttg	
gctgcaacgt	
aatatctacg	540
actctgcttt	
cctccttgct	
ttgcctgccc	
taagctaaca	
gcgatgaggg	
tcaatatcgc	600
tcttcacctt	
gtcattgtat	
cttccgacnc	
acttttgatt	
gccgcctcct	609
ttangngac	

<210> 1223
 <211> 587
 <212> DNA
 <213> Fusarium venenatum

<400> 1223	
aaaacggccg	60
atccatgtga	
agcccaaata	
gcgacatcgc	
catatttaat	
acaatacaat	
acctaaaaat	120
aaacgatctt	
tcaatatggc	
agcttccact	
cgaagcctcc	
ccagagcatc	
agtcctacgc	180
gocccaaggt	
tgacacaggg	
tctgacctct	
cgccgacctt	
tccactcata	
cgatcatcca	240
ccaccaccag	
gaccattttg	
cgatgcagaa	
aattccatcc	
ttgccgcgcg	
ctacaagcac	300
gtaccogaac	
tcggattctc	
tcagaaagct	
ctcggtcgtg	
gagcaagaga	
tgccggttat	360
ctcgacatca	
gtgcaagcgt	
tatccccgat	
ggcgcccttg	
gcctgatccg	
ataccatcta	420
actatccagc	
gagaagcttt	
ggcagctcgc	
agcagggaaa	
tctttcctga	
tacagatcat	480
ccaagtgttg	
cggcaagagt	
agaagctctg	
acatgggagc	
ggcttatggg	
caacaaggag	540
attctggggc	
gttggcaaga	
agcattggcc	
gttatggcac	
aaccagcta	
cgttccccag	609
tccataaaaag	
acttgccaaa	
ctctcagaca	
aaattttg	

<210> 1224
 <211> 312
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 1224	
ccgactccct	60
caacacccgat	
actatcaaca	
attacatata	
ttgaggggaag	
cagaacccga	
ataaagccac	120
catgtctgac	
ggagttttga	
agcccagaaa	
ggacttctcg	
aaggaggttg	
atcagcagct	180
ccctgaagct	
gagaagctgg	
ctgcgtcaaa	
caacctccaa	
ggcgccattg	
agaancttgc	240
tgctctcgaa	
aagcaaacc	
gacaagcctc	
cgatcttgcg	
tcaacatcac	
gagtactgat	300
cgcaattgtt	
acctatgtta	
aaatgcangc	
gactgggant	
cttttgaacg	

acagaccttg gt

312

<210> 1225

<211> 254

<212> DNA

<213> *Fusarium venenatum*

<400> 1225

cgaagctctc	ccacaatggc	tcgctgctca	gcgggccaagg	ccactgggtga	tgccaggaca	60
aacttttatg	cccctgggat	ggaggaggat	aagcctatgg	gtcagggtcga	gtatggcgta	120
taacgtggtg	gttgtaaaag	aatagaaaga	tctgctttgt	tttattgcgt	ctgggaagtt	180
cgtagtatgt	acatattgga	cgtctgacag	agggctaaag	gtagataagt	tgaataccta	240
attccttcgc	tacg					254

<210> 1226

<211> 680

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 1226

gacgaatcga	cgaacgacac	ctcaatcgaa	accaccactc	gtcattgtga	attatttcgc	60
ctgtcacaat	gggtatctgg	gacgctttca	ccgatattgt	cgaggctgtg	accccatgga	120
gcgttggtga	ggccaaggct	cctgctgagg	agccccagga	ggagaacgag	tccaagaccg	180
aggagtccaa	ggacgagcct	gaggaggagg	aggaggatga	ggaagaggag	gaagaggagg	240
aagaggacga	ggaggatgag	gaggaacctg	tngaccccaa	ggagaccctc	gaggaagagt	300
gcaagaagcg	tccccaatgt	gcccccgcca	agcaccactt	cnacgagtgc	gttgagcgtg	360
ttcagcagca	ggagagcgag	ggtggcgcca	agnaggactg	tgtcgaagag	ttcttcacc	420
tcgcccactg	tgcgaccgct	tgcgcgcctc	ccaagctctg	ggntcagctc	aagtaaatta	480
acatcacggg	gttatcggtt	cctacgacga	tggaatggct	acatacacgt	cgaaaagata	540
cctgagccgg	aacgaggcag	gacttttcnc	tacggaaagc	tgcttccttg	tacgaatgct	600
catctgttgg	gtgtcaagtc	gtccagaggt	ttntntgatg	tcggtctctc	ctgtaccata	660
cgctcttaag	cctgaataga					680

<210> 1227

<211> 565

<212> DNA

<213> *Fusarium venenatum*

<400> 1227

ggcaacggta	cctacaaccc	ccccaaagct	cagcccccca	aggagacata	ccctgtcccc	60
gttcccggtc	ccagcaagcc	tgtcaagcct	gagcaccocg	aacagcctca	gcctcctaag	120
cctgagcaac	ctgagcagcc	tctcagccc	gagcagcctc	aacctcccaa	ggagaccaag	180
cctgttgctc	agcctcctgc	cgagactcac	cctacctacc	ccgttcctcc	tcagcccagag	240
caaccccgaga	agcccagagca	gcctgagaag	cctgagcagc	cccagcctcc	taaggagact	300
cagcccqung	cccagcctcc	tgtctctccc	gtctcttcca	agcctatcca	qagcgtcctc	360
gttggttcctc	cttctcccaag	caagcctggt	gagacttacc	agtcctcctc	gcttccaccc	420
ccactgagcc	cgttggaagtt	gtcaactctg	ctggacgttt	ccgtggtagc	atccaggctg	480
ctctctttgg	tgcgggtatc	gtcgctttct	tctgtttaac	aaacaatatc	tgttattcct	540
tctaagctca	tgaaggagca	tgatt				565

<210> 1228

<211> 504

<212> DNA

<213> *Fusarium venenatum*

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<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 1228
ccggtcactt ctaaaactac tcaagatcgt tgtgccagga tggcgcagta aagagtcaag      60
gctgttgatg agccacagtt tcttcttggt tctcaggacg ctcatagtg tgcgcgtagc      120
tgagatggat ggtgctatat ttaaagctct ggtgaagggt aacggggaaa ggaaattttg      180
aaacgtatag tatggtggat gctgattggg ggtcccgcaa ccttcaccaa ctccatgcta      240
tcatatcacc aaccgagtta tctctgaagt acgatcacgg ctaccaaca tatcccgaca      300
aatatctatc caacctgacc ttctatgggc attcggctct ggatgatcga ataaanaacc      360
cgatcngttg aatgcggttg angtttcaaa attctcta atcctgcnga gctatacaca      420
atttanccaa ccncgtnaga tataatatat atactggtct tttccaaaaa ctcngtggtg      480
aangtgctct tctgtccctc tggc

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<210> 1229
<211> 640
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1229
cgttaacgtc atgggagggt cagtcgttct caatcctcta tcattctatt acaagactct      60
caactctcta ttctgggagt ctaccataaa cgagcttttc atcgcagacg cacaagtgtc      120
cctttccaac tcgagcgatt ttcttgagcg aacgaggatt ctcaatcgaa atgctctcgc      180
tatggcaaac ttcttgaca aggcataatc ctctcccaac tctcctgtca tcaacgtgca      240
atatccgagc cttctagata acaaggcaaaa ctacgatgcc atcttacggg aagggacacc      300
ggatcttcca gagccagggt atggatgtct tctgactgta gaattctcta ctgttgaagc      360
agctacatcc ttctataata gggctggatt ttacccaagt cctcacctcg gaggccatgt      420
cacgaatatg ttgccaataa atatgatggg ttccagcaaa gaacctgaag agaaggcata      480
tatggatggg gttgggcgct agaanaacca gcgtaccgta tttcacccgg ctggagagtg      540
aagaggactg attgatcctt accagatgcg ctgaggggcg nacagacctc ganggttgat      600
taccaaaaga atactaagga tottaaggat acttanggct

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<210> 1230
<211> 593
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

<400> 1230
ctcttcacgg agtaacctcc ctgtgtctct ctcatgtggg actttgtctg ttgggtttgt      60
atttcgaacc tctctctctt ttcttcacca tctcttcacc agcctgttct acaggtcttc      120
ttcatctgca atggcctcta ctcatagttc caagcagcgc cttgcgctcg ctatctgcga      180
tttctttctt gctcaacaaa acgatggtae ccttacggcc gacgacaagg actccatcga      240
tgttgcctat aactgtatcg ccgagtcctt caaggtcgac ctaccgatac tctgccgtct      300
cagtagcctc ggatcgacga aactccttca aatttactcc gtcttcgaga agggcgcgct      360
gataagcgcc gcgcgctcct actccgcacc gtctgtctca ccgangaaca gaagaangaa      420
ggcgaaggtc tgaagtcaaa gggtaacgct gccatggncc agaagganta cagtgtctgc      480
atcaactctt acactcaggc tttgggcctc aacgccagca acgctgtcta cctttccaac      540
cgtgtctgag cccactccgc caacaagaac acgtctccgc tgcctctgat gct

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<210> 1231
 <211> 609
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 1231
 tagcaataa ccaccgaggt tcttaagcga cgagggtaca agcaaaccat tctganggggt 60
 ctttctctct actctcttgg cgcctcctg ttctggcccg ttgccaagtc ggccgactcc 120
 aatgccaacg gacgcgcagt attcggcggc ttctgcgcgt gtacactcgt gattgcttgc 180
 ggcctggcca ctctcgagac ttctgccaac tcttatqcaq tcgtcctcgg tgacccagca 240
 agtgccaacg ctgcctccca gttctgcccag tcttggaacg gtgttgccct gttcattggc 300
 cctttgatcg cctccaagtt cttcttccact ggtgagaacc agaacagcct taccaatgtc 360
 cagtttgtct acctcgtctg cgcctgtgct ggtgcgcgtg ttgctgttct tttctctttt 420
 gcaagcttct gagatctccg aggctgttat cgaggatgan gcttggacac agcaacgagg 480
 gctccatttt ggaaacaata caacatgtgg gtcgccttng gngctaaatt ctgctacgtt 540
 gyygccagn taccatcgcc acctttttta tnaactacnc taaaaaaaac nggggggtct 600
 ntactgcct 609

<210> 1232
 <211> 574
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 1232
 gcttaaaact ccacttctac tatgtctaac aatcgcaaac aagcgcctga cacagattca 60
 cctgcgagat ccattaccgc ctaccttttc atttttggcc ttccgttact agttctcttc 120
 atttgggaata aggtattcag tagcaccaaa acggagacca caaaagcaaa catgtcttca 180
 ggaagaatcg ccccgctcgt ttttctgcg gcctcccagc acacagctac agtcatcttt 240
 gttcacggtc tcggtgacac tggccatggt tgggcgagcg ctggtganaa ctgggcgcgc 300
 gcgacagaag ctggatgaag tcaagttcat cctgcctcat gcacacaaat ccccatcagc 360
 gtgaacatgg ggaatgaaaa tgcttgatg gtttgatct aaacaacttg ggtgggaaan 420
 gtttactctc tcgttontaa cgaataatnn aaggctccag gctcanccaa aatncttccc 480
 naatctcttc aanaaaaaaa tgggntccgg gaaatttccc ctnaacngca tngttctcgy 540
 nggnttctc angggtgggt gccatnttct cent 574

<210> 1233
 <211> 486
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(486)
 <223> n = A,T,C or G

<400> 1233
 cgtcaatatg aagaacggaa ctacagaatgc tccgaaagcc gggcgctgcc gaaccctaaa 60
 gaaacgggaa cactaacatt tgggtaaaact ggggggccac ttccgggtgg gttgaagaaa 120
 gcaagcgaaq ggtatcatca nctaaccggg tctgttccgc caaccggaac aagaaacctt 180

tggggccggg	cgctcccca	cgatgccatc	ttcaacactt	tcgcccgc	ccaagtccca	240
agatcttctt	ctggctccct	cccattggtt	cgggttactg	gatgatgaac	tgggccatcg	300
agcgaagcga	gtaccttaac	tccaaggctg	gtcgtgccga	gttcggtgac	gaagaagant	360
aaatttggtt	tattctggca	gcaaaaccat	ggcggatgtt	ttggggtagg	tcctctggac	420
tcattgttca	tcataatac	ctagatcagg	aagtgaata	gacatttgtc	caatatttct	480
tttttt						486

<210> 1234
 <211> 505
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

cacgaagccg	gtcattctca	aggacctgca	ccattgactg	tcaactcctc	caacttctcc	60
ttgagctcgt	tagttgattt	gagagtgcc	tttgtttcag	cctctccgtt	cgtaagctcg	120
gcaggcgtct	ctccgttcgt	caatcccttt	ctgatggcga	ggacactgtc	aacaatgaca	180
gcategatgc	cctgcttgac	ctgacgctgc	accaaattgc	agcgaattca	cgttgtttct	240
atcatgttta	gtaaggctta	cctgaaccat	gataggatcg	ttgttttagca	cgccatagct	300
gaagcataca	ataccgtttt	cctttacaat	cttgatcaaa	cgggggctgt	tgatgaaagg	360
ctccgcagcg	gcaacgatac	ctaaaagggtc	cagcgactcg	cgaaacgaat	agcttctctga	420
agcgacaaac	ccgaatgtcc	atacatcaca	acagcctgcg	tctgtnaagg	aanaaaatag	480
gaatagaaag	gcgcttggtt	cctca				505

<210> 1235
 <211> 419
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

ctcctctccc	accacaatct	cctccatcac	agcctttaca	atgtttgcgc	gaacagtagc	60
ctcgctccctc	cgacaagccg	cccggcccat	ggcgcgtccg	tnaacagcct	ctgncttccg	120
cacccccatc	gtccccctaa	caccttttca	aaccgcgtnt	ctntccgacc	aaaccccgatc	180
cjratcgaca	aagccgtatn	atccgcccc	gtcgtgctct	tnatgaagg	aacacccgaa	240
acccccccagt	gcgggtttttc	gcgcgcgcga	tccaaattct	cggctcttnag	gngycaaccc	300
cgacaagtct	gttgcctttta	cgtctcgagg	atctgactgc	gcgaggggat	taangagtac	360
tcgcactggg	ctacgattcc	caagntttac	gttgaaaaag	attcatcggg	gggacggat	419

<210> 1235
 <211> 962
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(962)
 <223> n = A,T,C or G

ttcatctttg	tttctctatc	ttgtaattct	tgttccaacc	tatcgactgc	gtctttttatc	60
tattataaac	tccttctccc	cgtcataaaa	aaaccaccac	ctgcataatc	attctggtct	120

ctccgatctc	gcctttttgt	ggcccaacaa	ctccccgcgc	cagcgccgaa	ctatcgtacc	180
attgacctca	acaagaaacg	ttaaatecgtg	cagcgacatt	ttttggatac	atcaccgctc	240
aaacgcaact	gtactcattg	cgcatacaatc	ccctcaaagt	atagcttcta	cgacaagcta	300
gctttctcaat	tgcctttttac	tgcgcagcgc	ctcatcggtta	caggctcgct	anaatgaacc	360
tgaacaaggc	cgctcgagtc	atcctctttg	gtgccccctgg	tgttggaaca	ggaacacaga	420
agcgagcgct	tgctctcgcg	cttccctcaa	ctcaatcaaa	tcagtaccgg	agatcttctt	480
cgtcgaaatg	tcaaggatag	aaacaccact	cggcatcaag	gtcgagaaca	ccatgaagct	540
ggtggccttg	tggctgacna	tttaatecta	cgacttatct	ccaacgaatt	ttatactcgc	600
ggctggcttg	ccaagaatgg	ctctaattgtt	atgacctttc	atccgaagcc	acagcactcg	660
aacattcttt	caacaacaac	gctgggtgctg	aatctttcat	caacgctgcg	cctttcctcg	720
acgggcatag	acatctgctg	cctcaacnac	cctcagcttc	gtttatcctt	gacgggtccc	780
tcgaacagca	tcccaggccg	tcccttgaca	aaattatccc	atcaactggt	ctctcactca	840
aaanaccggt	ttcgtttctt	gaacccttct	cgaacttngg	tcatnaacct	tccggccggt	900
ntacacacan	ttcaaccccc	caagggtccc	gaaagangaa	ccccgggaa	ccctgatcaa	960
cc						962

<210> 1237

<211> 269

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 1237

cgatcgagct	caagttgttt	atcatgagat	gccccgggtgg	aatacaccga	ccacgaacgt	50
gaagaccttn	agtgatcttc	ccaagcaggc	gcangactat	gtngagtcca	tcgaaaactt	120
nattggagtc	aaggtaaaat	ggattggcac	tggccctgac	cgaacgagta	tgatcaagaa	180
ataagtcggg	cggtggagcg	cataccagcg	acgagttgtg	tgtcgctatg	atgggttagaa	240
caccaatttt	aaagaccaat	tgtcncaen				269

<210> 1238

<211> 643

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 1238

ncaccgnatg	ggggggcgnog	tggacgtgac	cagctttctgg	cagaggaagc	ttcgaacctg	50
gtatacgcgt	aaaagccctg	ttgaactatg	gctggaccta	ttgaggacag	cagaggtctt	120
tgaagactgg	gaagaagccg	cgtgcacatc	tgatnacctc	ctcggncctg	acttatggag	180
gaataaccca	gcttctaaat	attatgactg	gagactcatt	ggcgaacgtc	tggactcnct	240
tgcgacagct	cgagaagatg	ccaactttca	gcagctcgct	aatctattaa	gatctgggtc	300
ggtccgggac	ctagggaaga	tcacttcacc	caaactttac	gaccgaccc	ttgttggcgc	360
gaagtatctt	atagaagagt	acattaccca	gattgctgaa	gcagtgggaa	atatctgtgc	420
ctttcctacg	acgcacatcg	ctgtccatga	ccatggggcca	tctctgacga	cacagataaa	480
gctagattgt	atacatgata	cgagacaggc	tttcggggaga	agcaccctcg	ttcttcaagg	540
cggtgccata	tttggcatgt	gtcatttlyg	cgttgtgaan	gctctctctt	tacggggggt	600
atttctctgc	atcatcaccg	gtcagccacg	gcgccttgat	agn		643

<210> 1239

<211> 470

<212> DNA

<213> Fusarium venenatum

```

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G

<400> 1239
ggtcgactca cagacttggg gtttcttget cgacgccttc gtaccggcca gtctcccaag      60
caggctatgg aggagattgt atccgagaca gccaccgaca tcgtgcgaat ctaccttctt      120
ggcaagccgt ccgatattga gggcaagaag ttctctcttc aacaggcctg gcctcttggt      180
aaatctcttg cgaaaaaccc gaagctgcgt tacaacgaag tcgtactctc cgcgccattc      240
tcctctgccg ctctgctgg ctctaattgc gatgctgcta tcgataacct cgtcagtgcc      300
gaacttattg cagtcaaaac gtaccaaggc cgccaatgac tatcacaagc cggcaagccg      360
ctgcaccaag ccgcgttctc tggctctctc catgaacgcg tgcttcgcgc gaagatggat      420
tatgatacc tgnacgactc atccaaagcg gaggtcgtt cgattgagaa      470

```

```

<210> 1240
<211> 472
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 1240
gagaacgaga tcaagaaggc ntaccgcaag atggctgtca agcttcaccc cgacaagaac      60
cctggcgact cccaggetga ggagaagttc aaggacttgc aggaggctta cgagaccttg      120
agtgaccttc anaagcgtgc tgcttacgat aacgggtgat accttatgga cctaaccgac      180
atgttcgggtg gcggcgccat gggtaggagt atgggaggca ttgacctga gatccttttc      240
agcatgatgg gccagcaggg ntccggcggt ggaggcgccg gcttcggatc tgcttgagg      300
cttctcggtg gtggccggng gggccactt tnaacttttg nggtgatccc anacaacagc      360
gtggaggata ccttggtggt ttnaacttnt tatgaccata tggcgctgat gatgacgatg      420
accacnttga tagttaaagt gaggaccaan gctcnttttc tttgacgagg gg          472

```

```

<210> 1241
<211> 578
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1241
atcaccctcc actctgaetc tgagggttagt tacgacatcg caactttttc tctttcttga      60
tactaccaa acaaaaaaca ccagtttcat tccccccac cactcgcac accacattc      120
ggagctttt cgcgaaggcc ggcaacaaag agaggacaa cagcaaaaaa ctcaaggcaa      180
tgctcgcaag gcagantccg cggccacaga gcaggcgcc gaagacgccc gtcangaagc      240
caatgaagcc gataagtggg acaaggggag caagagcaac gccnagaaaag aagctgctgc      300
ngcaaanget gctgaagctg agaagaanaa gctgagaagg tgcctctgaa gccgangaag      360
atgccaaaca tccctcaaag ggccccaaga agtcaaaaag tccctgcnag aaagcgcgtg      420
gatttgaact ttcccaactc gacgaacgana agccttcagc catcaacgcc tctggtatcg      480
ataacgcctt ccatgccttg tccctgacag qcaacaagga cgatggcaag gtcgaacgac      540
accccgaaag aagatacccc gccgcatacg cccagttc          578

```

```

<210> 1242
<211> 595

```

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

```
<400> 1242
caggcgacg catctccatt gccaaaggcac cccacgatga gactgggtgag cgtatgttca      60
ccatcatggg taccgctaag gccaacgagt cggcactttt cctcttgat gagaacctag      120
aggcggagaa gatgcgccga agccaacttc aagaggccga atagccgact ttcagaagaa      180
atctcgttga tttttgcttt tctcgtgctc catgcgactt gctaaaataa gtttttggca      240
ggatgggctg gggcatttca gatctgactt gccgcgaggc ttgtgttttc agttaggacg      300
ataccanatg gcagcattac gagcgactga atccatttgt ccgacccatt cccctttatc      360
aaccgccaaa accctccatc ataaaaatcg tntcttttcc tgattcttac ccttctcaat      420
atctttgcta catcaattag ggtttgacta gtgtcgattc cgaactcgagc attactgtca      480
catcttcgcc ttttaaaccg aaccagcttc ttttttttgg gcgagcagat cgctnccaaa      540
cactgcagct tgccgtctat atcagcttgc cccacctgga gtttttggca atggc      595
```

<210> 1243
 <211> 336
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

```
<400> 1243
gcaccgctcg ccatgttttc aaccacctca atgggtcttcc gggccggcgc tcgtcgcgtc      60
gttcgacgat ccctcccgct cctccctgcc atgggccccca gccctaccgc atacctcgcc      120
ggtcgaaaca acttcgtcat tgcctagtgtg agccagcaac ttcagcgacg tggttatgtt      180
gccganacaa accccaaccc tctttttgga aagaanaatg cttcaaacga tggtcctact      240
cgaattggtc taataggcgc ccgaggatag actgggttcag ctttggttga gcttcttaac      300
gagcacccca acatggagct taccocccat ttgggn      336
```

<210> 1244
 <211> 414
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

```
<400> 1244
attctcgtac ggcgcggcgc tgggcaacaa gctgatgttc accaagacaa acacqqqcgg      60
ctctctcagag ctgggtgggcg agcttgacga ttgtcaggtc cagtaaggll acgtgcgcgt      120
cgagtaacgc aacgacaagg agagcactcg tgttaagttt gcgctgggtg tctggattgg      180
agaaaaacaa aaggtcatgc gcaaggctcg tgttagcatt gagagcgggtg atgtcaagag      240
gcagcttttc catcatagca ttgcgggtcac gacgggggat aagtcagagt tggatgagag      300
ggtatattgt gtctcgttga ggaaggctgg ttgtgctgat tacaatggag gacgggggta      360
atcgactact actacacata catatagca catatcgaat acacatgcen gata      414
```

<210> 1245
 <211> 586
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 1245

tgcaggtaca	ggcgctttctc	tccggccacg	ctgaacaaga	tccccgagcc	tggcgcggt	60
ggcttcgctg	atgcttttgt	gaagcttgct	gatggcgagt	ctgagtggga	tgttgaggtt	120
ctcaaggacg	ctgtcaccat	gcccagggt	gtcgttctgc	gtatgtgcga	tgttgactgc	180
ggaagcaaaa	cgtcggtat	ggtaanaag	gtcctcgct	ggaaggcctc	aaacgccgac	240
gaatccaaga	ccctttggga	tgaactgcag	aaacgtaacg	agcaattgat	tgccactctt	300
aacgccggcg	atgttgacac	gctgcccgan	aagatcaccg	ctgtgcgaga	gaagattaga	360
gagatgggca	gcgcgagcga	agttcccatc	gagcccgaga	gcagacaga	gctcctcgac	420
gtctcagaa	ccgtcnaaag	ggtctatggt	qgtgttgctc	ctggtgcagg	tggttacnat	480
gactggctc	tctactgaa	ggaagatgag	gagacaaac	naaccaataa	agtgtttttg	540
ganaagtggg	cagaanaaaa	tggtacaaag	gtcaaaactgc	tccgcg		586

<210> 1246

<211> 629

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(629)

<223> n = A,T,C or G

<400> 1246

ctgtgccctt	ccagcttttc	ttgttctgc	aagccctct	acgccagttg	gccctgcttc	60
tgagaccca	aagctcagtc	tccgggagtc	catcagcgtt	ctgagcagtt	ctttggaaat	120
ttggttgatt	ctcatccat	tccgctcta	tgtcggttc	ttcaactcaa	tctcttctct	180
cctcaatcaa	atgctcacac	cttatggcat	tagtgatgac	naagctggta	tccgnggtgc	240
agttttgatt	gtcgttggtc	ttgttgcatc	cgcgatatct	tctccgatca	ttgatcgac	300
aaagagtttt	cttctgacac	tcaagatcct	cgccctctc	gttggtatca	gctacttggt	360
ctttatattg	atgccggaaa	ccagggatgt	agccggccct	tacgtggctc	tgcctatctt	420
ggggccctct	cgttttcact	ggccctgtcg	cactcgaatt	ccttatcgaa	ttgagccatc	480
cactcagccc	cgaggctcact	tcaaccgngg	catgggctat	gggcaactct	ttggcgctat	540
attcatcatt	ggtaagagat	gcgcttgacg	cggcaaagat	gccaatcctt	caaanaacat	600
gaaaaaccca	ttggtctttc	aagcngtct				629

<210> 1247

<211> 827

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 1247

taaaaccataa	tatccactta	aacttttagat	ccaaaactcgc	attgtttttc	tttctacttc	60
aaaaactaac	ccctccatca	aaatatattat	ataaatcaat	tccctctctac	tccccaccca	120
aaacccctcaa	acttccatca	ccaccaaaaac	accaaacttaa	acctccacaa	acctccatcgc	180
aaatggccgc	ccctttctgac	tctgtcgtcg	tggagatcac	ctccaaaggct	caattcgacg	240
agcttgctcaa	gaagaccccc	tacgtcgccc	tccaggcctc	cgctcgtgg	tgtggctcct	300
gcaaggccat	ctcccccatc	ttcaagaagc	aggccgcgga	gcacacctcg	gaaaagttcg	360
ctttcgccaa	attcgacacc	gacgatgtcc	ccgacctcgc	ctttgagatg	ggcatccgat	420

ccatccccgc	cttcttcttc	ttcgagaacg	gcgacaagga	cagcgacctg	atgggtgccg	480
tcctctccaa	gctgactgcc	gctatcggtg	gctacgccaa	gaaggccaag	ggtggtgatg	540
aggaaaagcc	tgctgaggac	aacacctca	agaccgatga	gaacttctaa	acgagaactt	600
ttcttaaaga	acaaaaaaca	ttacaaagca	accggctttt	agaagcgag	gtttcgcaag	660
ggatacccct	agaaaacgag	gcgcaccaag	acaggcagca	ntatattacc	cacaatttcc	720
acaagattca	ccattgagct	aggaatacga	ctttagccat	gcgaaaagca	tagttttaag	780
taggatggcc	cgcgcgggtt	agctaagaat	agatcacatt	ttacttc		827

<210> 1248

<211> 578

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 1248

ccaggtctcta	gacgctgggt	ctatcaacgg	tgatcatatgg	gctgttcccc	agaaaccgcg	60
taccaacttt	gacatttcca	agacttatcc	tctagctgat	ggttcaatca	tcagcgtcga	120
aggtctttctc	aatgataccc	acccacactt	cgccttccg	gtgttcgcac	cccaaagagc	180
cgtctttggca	ctcccaaca	ctgtattatt	tctcaccac	gggggtgggt	caagtgccaa	240
cgagactctc	ttccacggta	caccagtcct	tgcagggggc	tacttcttag	atcagctctg	300
taacagcgct	cgtctcgcag	catcgggcgt	cggaaacgtct	cttgacaaat	cttatctaac	360
accgtctctt	atcgcatcgg	ccatcaaaaa	catcacntct	gacaaggatg	gatcgttcac	420
cactaacgcc	cgcgcgatgc	aacgcataca	atcctcaatt	ccaagcggaa	acacctcgca	480
gctgaactca	ttgaagaagt	catggtagat	canaaatccg	gttcgcnacg	gcgttgactg	540
cgcctatgca	tctgcagana	gcgnatatgc	cctgccga			578

<210> 1249

<211> 594

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(594)

<223> n = A,T,C or G

<400> 1249

ccgccttcag	ctgetgcgcc	agcaatccct	ggacgaggac	ctccagtacc	gcctccagga	60
aggagcagca	ggcttgagga	agacaacgcc	qatgggatcc	aagcctccac	ctcctcctat	120
agggaagaaa	ccgcctccgc	tgccgacatc	gcggaaaccc	tcgctatagt	cgtcgccacc	180
tctgcatact	caccaaactt	ggtaccttca	gtccccctc	ctccaccgcc	ttcgagtcac	240
gcaccagctg	ctcctcctcc	acctcctcca	tctgcggcac	ctccgcccc	tagtcaatcc	300
ccaggatctt	ggtcctcggg	accacctccg	ccgcctcctc	ctccgcttgg	agcaaaccat	360
gcacatcat	cccttgctgc	gcaggctacc	attcgtgctg	ctggtaagc	atcaccaaac	420
cccacacctc	ctccccctcc	aagcgagtgc	gccttcacct	ccggccacca	acaacacggt	480
ctcgangctc	ctcttcttcc	ccactccatg	cttgatcca	agtatgttta	ctttcaccgc	540
aaacgggaaga	aaagtcacca	agttcctacg	cattcgcttt	cgaaccacc	tagt	594

<210> 1250

<211> 644

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

```
<400> 1250
caaacccaac ttcaaacaac ttcacttcat atttataaaa tgtgacaggc gatatttcgg      60
gataataaga tcaatttttc tatatgcccg actttaacaa tgcgggactc tcgcccgcga      120
ccattgagtc tatcgctggt ctcaagtgtg gaactgtctc aactttgacg gtgcatcctc      180
ttgatgtagt caagactcga atgcagatct atcgcagcac agctcctggt gcggtccgtc      240
caacgacggt gtctatcctt cgcgcactga catctacacc tcacccgata gcctctctct      300
accgcggtct aacgcctaac cttgttggaa acgcctctag tngggcttct ttcttctttt      360
ttaagtcgag ctttgaaaac gctgtcgctt cttggcaaaag ccgcccggat ggacgcccac      420
caccgggtga ctacttcgtc gcgagcgctc tggcaggcgc ttngacgacg acgctgacca      480
atcctatctg ggttctttaa gccgtatggt atcttctgat cgcggtctctc aagggtctac      540
ccttntatgc tcgcccgnnc tcgctntatt nttcaaaccg aaggcatcgg ggtttttatc      600
gcgggttggg gaatctnttt gggngggcgt atctcacggc gctn                      644
```

<210> 1251

<211> 981

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(981)

<223> n = A,T,C or G

```
<400> 1251
ggctctgggtg ctgaggggctc tcgtcgccga gcttctggac gtgcccgcga acgtgaacgt      60
gcccgtgaga ccgcactgcc cgcactggtc gtgtnagtca tacntgagtg tcatgatttc      120
tgaaacgctt actgacaatg ctacagnagg gtgccgagaa gaaggagggc gaaactactg      180
aggctgttgc tgccactgat gatgctgcta ccgcagccgc tgcacctgcc accactgagg      240
ttcaaccttt gtccgatata acaaacaaga tcaacactga cgcaaacgca aagacctcta      300
agacccaacc tcgcccctcag cgtgagcgcc gtgagcgagg cctcctgct gacggaattc      360
cttccaagac caaggctcatg gttgccaacc tgccttacga ttctgaccga ggacaagctc      420
attgagcttt tcaaggetta tgagccctct tctgccaaga ttgctctccg acctattccc      480
cgattcatga tcaagaagct tcaggctcgt ggtgaggccc gcaagggtcg tggcttcggt      540
ttcgctacte tggtctctga ggagcttcag cagaaggctg ttactganat gaacggaaag      600
gagattgagg gccgtgagat cgcggttaag gttgctattg acagccctga taagaccgac      660
gaggaacacc acgagggtga tgctaccaac ggtcaaaaag anaacatccc cgccactgag      720
gctgccccctg ccgctgctcc tgctaccggc gccgtggctg ctgcccctgc cactactgct      780
gcggtcccg cgctggctcc cgctgccacc aaggctgntg agggcacccc tgcccttacc      840
actcccgcca ctactactgc ctaagttaag gcacggcgcg agtttcacgg acatgaacct      900
cgtattatgt catgatgatt actctaacga ttggggcatg cgatttcaac gatttctntt      960
acgggagatt ctctacaaac n                                           981
```

<210> 1252

<211> 654

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(654)

<223> n = A,T,C or G

```
<400> 1252
aaagatctct gatcgagctt gttccgcca cgcagactc gcccgcaacg aaacaatgac      60
tgaccgcgac gttctccccc acaatgtcaa gcccaagcac taccagctgt ccttaaggga      120
ccttgagttc accaactgga cttacaaggg aaccgtcacc atcgactcgg aaatcaccac      180
gcctacccaaa gaaatcatcg taaacactct cgaactcaag ctctctcgcg ccaagggtct      240
cgtcgactcc aagtctcgg aatcgacaaa gtttgactat gacgccaagg cccaacgttc      300
```


taccatcacc	tttgacgagg	agctccccgt	cgcttccaag	getgtcatca	ccattgagtt	360
cgagggtatc	atcaacaatg	aaatggctgg	tttctaccgc	agcaagtaca	agcctaccga	420
gactccttcc	gcttctgtcc	ccaacgatgg	cgaatggcac	tacatgttca	gcactcagtt	480
cgaggcttgc	gatgctcgcc	gagctttccc	tgcttcgacg	aacccaacct	caagggcacc	540
tttgactttt	gatattgaga	ncccttctga	ccagggttgn	ttttgagcaa	catgcctggg	600
caaggagact	cgtcnnttcc	aaggatgggt	gggaacaatg	nggtaatttg	agan	654

<210> 1253
 <211> 505
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 1253	
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tgattgtggc	caaggttggc
ttaccagttt	cgttgaggtt
tcaaaggcat	tgggccacag
caaaggagag	ggttgagttg
tccgcaaaat	cagccgtacc
gcgaaaccgg	tgacaagtac
gggtcatttn	gagaagaagg
ctattctcca	taatacgtga
	atctt
	60
	120
	180
	240
	300
	360
	420
	480
	505

<210> 1254
 <211> 871
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(871)
 <223> n = A,T,C or G

<400> 1254	
cctctagtca	atcgctacct
ctttcaatca	caaacaacct
gccttcggca	ccatggccct
gaggggaagg	cttaraccat
cagaacggag	agtccaccga
gactctttca	cctttactcc
gaactctgtg	gtgaggccaa
ccctccgtca	cctctgtctac
gagaaggcta	ccactctcgt
attcccactc	acgtcccggt
agaacggagg	tgctggtgag
tgacctcttc	ctggtctctca
tatggacatg	atctttctgc
agttttcggt	gtataattct
acgaaggcgt	caccggccgg
	gttgtnctct
	n
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	840
	871

<210> 1255
 <211> 876
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(876)
 <223> n = A,T,C or G

<400> 1255
 ctcggtgccg ctactctttc cactgcggcc gaatcgcgaa acataatcta ctatgaccaa 60
 tggcatacca aggatctttc ctccaaggac atcaccagca gcgttaccga cgtcatgatg 120
 tcttctcgcca actcatctct ctccaccacc cagcctgggtg gaaagtacga gcccttccag 180
 cccctcgaga cgggtgcgtgg cctcttcgac catgagatta aagtgtgcct tgctattggt 240
 ggctggggcg acaacgcccg gtttgacgag agtgccaaga ccgatcgag tcgagagagg 300
 ttcgccagga atgtcgcttc tactcttgac cgactttggc tttgactgtg ttgatatcga 360
 ctgggagtag cctgggtggtg acggacaggg actacaagca agtccccaac tccaagaaga 420
 cctacgagat caaggctttc cccaagcttc tgaaggagat caagaagtgc attggagaga 480
 aggagctttc cattgctgtt ccagctcttg atcgatgat gatcgcttac attccttctg 540
 agactcctct catcaacaaa tacctcgaact ttgttaacgt tatgacatat gatctcttga 600
 accgtcgtga ccattacac acccaaccag tcttcaccca aggggctgac cgtgccattg 660
 acaagtacat ttctcttggc ttctctcttc caagcttgtc tcggaatcct ttacgccaa 720
 atactacca ccaanaaggt accctgcact gagctatcgt tgcctacgag ctctgagacc 780
 cgagacgaac gaacggaaat cggttctgat ttgaggtgca actcctgcgc ccaanactga 840
 tactctacga gcanngtgtg tgtactctca atccga 876

<210> 1256
 <211> 1120
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1120)
 <223> n = A,T,C or G

<400> 1256
 tttgcgacac ctactgtttc gcactctact ccttattatc gactgacctc taaccategc 60
 cataagagat ccgcctgacc ttgcgcaagt ttgagctcat ttctacactc gaccgacttt 120
 atataccggc cgacgtcttt tctacattct ataacctcaa cctcgcacat caattactag 180
 catattcacg atggatcact cacacatgga tcacagcggg atggaccatg gagatatgga 240
 tcatggccat ggaggaggca tgaaggacat gtgtngtatg aacatgctct tcaattggga 300
 taccaacaac ctctgcattg tcttcctgca atggcacgtc cgttcaacaa cgtcactcct 360
 ctctctctct atcgccgtca tctcctcgc cattggctac gaagccctcc gatctgtctc 420
 ccgtcggttac aaacaagctc tcgataaccg cgtccgctcc gccccagta agctttctat 480
 ctctctctcc cgtctctgca cgggcattgc acatatttcc tatccaggaa accccaagga 540
 caaaagaaaa cagaatgcta cgctgtatcc tcttgcccta tctgtctaaa gtctttgggg 600
 aaaatataaa atcgaccct tgctaagtct taccgtgagg tctgtctgat gctcctgtta 660
 ctgaatcgac tcccatcctg tcaggacaat cccatggaca agccgaccag cgcgccacc 720
 tcatcaaggc cgtctgttac gctctgcaga acttttacgc ctttatgctc atgcttgttt 780
 tcatgacata caatgggttg gtcattgatt ctgtttctct tggcgcatth ctcggatatt 840
 tgttcttttg acaaagaact tcggccacaa aggaaaacgc atgccactaa agacgaattt 900
 tgtaagaaaa acgattgttg tangggccat gcgttatgcg gcgttaccgt tggaacagct 960
 attagtttga ttgaagttag taatcagtha cctgggggac cgggcaaat cccattcaag 1020
 acagcacagt aactttgggg ggaacccctc ggtaagcta tgcctagaat acacttanga 1080
 taaacaaatg agtaaagaac aagccaaatt atttccgtat 1120

<210> 1257
 <211> 588
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 1257

ctaaccgtca	cgggtcaagga	cggagatagc	tcacgcgaaa	tcagtgtctg	catttcagcc	60
ttgccagcac	agcacagctc	tgctcgaggt	ttatttgacc	gcgatactac	cctctggtgt	120
tcctgggggtg	tcaagtcttg	tggaaagtcg	gtttgggttg	gcggcgacac	aggctaccga	180
actgtcccaa	gtcttccacc	cggaaactgat	gattacagcg	ccgagtacga	ccaccttccg	240
aggtgtcctc	aattcaaaca	aattgggtgaa	ctccgtggac	ctttcgacct	gggtctgata	300
ccgatcggcg	cataccaccc	ccgagcagcc	ttctcgtctg	ttcatgccga	cccaaagtat	360
gccgttgaaa	tctttcgcga	cacgaaatgc	cagcgagcga	tgggtataca	ttggggcacc	420
tgggcgctca	caatggaaga	agtcttggat	ccccccaagg	tactgaaaga	agcattacgc	480
aagaaaagca	ttccggaaat	cgggggtgtt	gatgtgtgtg	atattggtga	agctagaaag	540
tttagctgaa	cctgaagaag	acntgcagga	attataaaac	nacatgtt		588

<210> 1258

<211> 614

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(614)

<223> n = A,T,C or G

<400> 1258

ctatcactgc	ggactacggt	atcatcagcg	ggcgggcccg	ttctgggtgt	gtcaagattg	60
ctcttgatgg	taccagcaag	gagatcaact	tctttgtcgc	tcacttgggt	tacactcctt	120
atggacctta	cgacacatgc	tttgaccact	accccgtcga	caagatcatt	gagcgtgagg	180
ctcagtcttg	tcgcactcct	cagatgaagg	ccactcttgc	tggtatgaag	agtcagcttg	240
acaatgccga	cgacactccc	gttttccttg	ttggcgactt	caacgcccc	tctcacctcg	300
actacaccga	cggctcttaag	gacaagaact	gcggttactc	tggcatcaag	tggcccacct	360
ctgtttctcc	tgaggaagcc	ggctcattga	ttctttccgc	gtcgcacccc	cgatcccgtc	420
aaggagcang	gtatcacttg	gtcttccatt	tacatctgga	acggngggccg	ncgtcgacct	480
gnacctnttt	gaccgtattg	actttgttct	acacaanggc	aagggtcttg	aagggtgaccg	540
acttccaaac	tgtgggtggt	ggtgaanccn	aaccttancc	caancacaag	gagaatgagt	600
nggtnttttg	acct					614

<210> 1259

<211> 636

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 1259

gcataqcaaq	acaacadtta	agctactctg	tcacttatct	cttctatctc	agaccctctc	60
aabccagcaca	attatatatt	tcctctcggc	atagccgtcu	abccgcaccc	atgtttaaga	120
aagaaatcca	gccttggccc	aagcagaaaag	ctcaaatctt	ccgtccagcg	aaaccctccg	180
caaggatcta	ctcgacacat	acctctcct	caacacatat	atcgacnaga	tcattgcccc	240
gaaaggccac	cctttcgagt	atgaagctta	ccgacccgaa	cacctctctac	gttctcgact	300
cgacacccat	cttcttccag	caggacctga	caggaatcct	tattccccac	ctccgacttg	360
tcctatcgctt	ccttcaagcc	ttctctagca	tgccttcaac	gtgggtgctat	ccgcttcgtc	420
ctctctggcg	ccctctcatg	tcctggactt	actccgctgg	tggcagantg	ccgcctnaccg	480
tgcgccgaag	gtgtgccgag	gacaaaatga	ccnaaaagga	caaaattccn	atggattnaa	540
attggtcagg	gtgagccgtg	tntctaccaa	ggcaagaaaa	gctntgtgtg	gaaactccnc	600
ngaacaagga	gtaagcaggn	aggggcgnat	nagaac			636

<210> 1260
 <211> 576
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 1260
 ccctaattct ctgaacaaca ctctttctat cgtctggagcc caagttcacg atgatgtttt 60
 tggatgatat acagatgaag gtcccaacta ccgagctgtc ggatggattg gtaccgncnc 120
 ctttatgatg aagaccctaa tgggtcttgg tgttctgtcc atcccagctg tctttgacgt 180
 cctcgggaatc gctccaggta tcatctgctt catcggtatc gccgccatca caacatggtc 240
 cggactacatg gncggcgtct tcaagcgcaa ccatacccaa gtatacggta tcgacgacgc 300
 ggggttacctc atntttggtc gcattggacg tgagatcttt ggcgttgctt tctgcctcta 360
 ctggatcttt gtgcaggtt ctggatgctt cggctctttt atcgggtctc acgcggctctn 420
 tctcacggta cctgcacagc ttgttttcgt cgtctgaacaa acatttgngg cttntgcctc 480
 gcagggtccc gacccttggc caaataacat gctcgtcttg ggtcggtnn ggcttgnatn 540
 aatgaccctg tttnttcacc gtcaccaatc gaagtt 576

<210> 1261
 <211> 604
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 1261
 ccgaactctt caagccttgc gcaaaattct ttgcacatat gccgccgaac ccgacggatc 60
 agcgcctctg acatttggtc tgatgggttaa ctttactcag catgctgtgc tcgcacgcgg 120
 aggcatgggt ggaagtatcg aatacaagga ataacttgat tccctggctt cggctctcag 180
 cgaactccca acaactactt attcgtctac gtttgttttt gtccctggag acaacgatgg 240
 ctgggtctct tcttttacag cgggtgcttc cgtaccattg ccccgaaagc aagtaccaga 300
 catgtttaca tctagaattc gtctgtcttt tgcgacagct aatgccgaag ctggaggaaa 360
 gacagatggg acggcagttt ggacctcgaa tccaagcccc aataaagtct tttcgggctt 420
 aaccacgagc ttggtctttt canagatgat gtgtctgtc gtctgcgccg agcctcggtc 480
 cgtctnaagc ctnaagccaa cgatctagta cagatgagac acaaaagttc ggatnctnat 540
 ctctccgacg acgttcaagc catggatatt tgagctgntc atcatgaagn accgaactgt 600
 actg 604

<210> 1262
 <211> 649
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 1262
 aaaattgata aatacttatt ttataacaga gacgaggaaa aatgggttaac gaaaagctca 60
 tttgcgtcat tggcgcgact gggtaaccaa ggcggttcag ttgcccgctc attcctccgc 120
 gcaggtttta aagtccgtgg ttgaccccc aaacccatcc tccgattcgg ccaaaaattt 180

gaacgcggct	ggtgctgaag	ttgtttcagt	cgatttggat	gacatagaga	cacttaaaga	240
agcattcaag	ggcgccaaca	tcattcttcag	tgtgacgaac	tactgggagc	ccttcttttag	300
acccgattgc	cgactgcagg	ctgccaaagga	aggcatctcg	tgtcgcaaat	ttgcctacaa	360
tgtcgaaatt	cagcaaggaa	agaatatcgt	cgatgccgct	gcaactgtgg	ctgaaggctc	420
tgacaagaac	ggcttcttag	tctcaacgct	gagtcaagct	gaaaaatgca	gtgaggggaa	480
atccanggat	ttgtatcact	ttgatgcaaa	ggctgatgtg	tttcccccat	atgtcgangg	540
aaaaatatcc	caacttgctg	ccaagatgtc	atgcattcac	acaggctact	tcttcaccag	600
ctttaacatt	cttccccgacc	tctatttgac	aagtgcgtnt	ggctttgag		649

<210> 1263

<211> 628

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 1263

cagaacgact	cggtattttat	tttcttgaaa	ccagtatcgt	ttaagtttat	attagggata	50
cggaaataaa	gttttcgaat	cctataccgc	ctcttgagtt	caagatgcct	cacgttcctt	120
catcaactga	agctganaat	caaggcgatg	cgcttgaaact	cgtctttccc	cctgtcacca	180
aagaccatat	tcaaaaactgc	tcttacgact	cttggtttcc	caagtatagg	agctcttgct	240
tcaagtctcg	tataattcct	ctacccccag	ctttcattga	ataccttcat	gaagatggta	300
ttgtctaagg	cggacgacga	tgagcatcaa	gacgaaccag	aggaagagtg	gcatgcatca	360
tccaacacat	ctgogacacc	acaagcccaa	gnatccagaa	tcatcagacg	acgaaaatga	420
tgagcccag	agattgccac	caaaccaaaag	attcccagag	acacataatc	tcgtcaagga	480
gacgattgct	gaattgggtg	gctcaagtgg	caccaaaaagt	taaactgggtc	atcaccaaag	540
gatgcgaagt	ggatttcacc	tcaccagaat	acaactcaaat	gcacgacacc	caatggattt	600
ctatnctgct	tctcagtcgt	ctttcttt				628

<210> 1264

<211> 355

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(355)

<223> n = A,T,C or G

<400> 1264

gaaataattc	tttcagaggt	tgtatcatca	cgacagaact	ttgcaagaga	gcttggtgct	50
acacgtgtcg	tgaacccgat	agtcgagaac	atcaacgagg	tcgtactcgg	tttgactgat	120
ggcaaggggtg	cggatgttgt	gtttgactgc	gccggtgtac	cgatgagtat	caaaagtgc	180
tgogaagtgtg	tcaggcctaa	aggcactgtc	gtcaatctcg	ctatctggga	gaaggagatt	240
notttcaacc	caaactggat	cacgatgaag	gagagctcgt	acaaatctgt	tctcggatat	300
gctcgngaag	actttcaggc	tgtcatcgca	aatnttgctt	aggtgctatt	aagcc	355

<210> 1265

<211> 647

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(647)

<223> n = A,T,C or G

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<400> 1265
cggtatccga ggtgagcgcc ctgagcgcat tggtgacaag tgctggttgt acttccccga      60
ggacaactgc cccttctacc gtgccaccat cttctccaac tactctccct acaaccagcc      120
tcagaaggat gccaaagctcc ctactctcta ccttgccaac ggtgagaagg ctgcttcttc      180
cgaggccaag gagggtcctt actggtccat catgcttgag gtttctcagt ccaccatgaa      240
gcctgtcgat gttganaacc tctcaagga cagcatccag ggtcttatta acactgagat      300
gatcaagcct gaggacgaga tctgtctccac ctaccaccgt gctttcgacc acggttacc      360
cacccccact ctcgagcgtg aggggtgtct caagcaggtc ctccccaagc tcgagtccat      420
ggacatcctc tcccgtggcc gcttcggcag ctggcgatac aaggctcggt accaagaaca      480
ctccttcatg ctcggtgttg aagctgtcaa tgccatccac agcggggctg tcgaactgac      540
cctcaactac cccgactttg tcaactcccg ccaaaacact tgagcgttgt ctcacccaaa      600
actttttttt cacacttccc aaaacaacgg aatcccaacc acttcaa      647

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<210> 1266

<211> 672

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = A,T,C or G

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<400> 1266
gcatcattag caaacatggc gcgtggatgg tttgtcaatt gcgctgcctt tctcttggct      60
ttgaccgccc gagggaaacgc gtaccgtctt cccgccctct ccgctcgcgc cagagacagt      120
ggtcccaaag cagtcacat cagtgttctt gtcgatcatt tccacaatga caccatctat      180
gagcctcact ctgacaagaa gtcccttttg agatattggg ttgacgccc gtactaccgc      240
aaggggcggtc ccgtcatcat tctcgcgta ggcgaaactt caggcgagga cagaattccc      300
tacctcgagc atggtattct ccagatgcta gccaacgcca cgggcggtat cggcgtcac      360
ctcgagcacc gttattattg aacgagtttc cctgtgccag acttgaagcc tgagaatatg      420
cgcttcttgt cgactgagca agcccttgcc gacacagcct actttgcgca gcatgtcgag      480
tttcccgagg tggaggacac aatttgactg cttccaccan cccttacatc atctacgggtg      540
gctcctaacc cgggtgctttc gctgctttcg cgcgcaagat ntaccggaac tcttctgggg      600
cgggatntct tcaactcggg gttaccgcaa ncaatgtgga attactggaa gtactttgan      660
ggcccacgtc tc      672

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<210> 1267

<211> 460

<212> DNA

<213> *Fusarium venenatum*

```

<400> 1267
aacttgcgcc ggcaggcgga cgatatggga agggaaactcg aagagcaacg tgaaatgctt      60
gatcaaatag aactgatgc tgatcgtatc ggtggacgat tggcgacggg catgcagaag      120
ttgcagcatg tggtaggca gaatgaagat cgctatagca gctgctgtat agcggtectc      180
atatttgttc ttatactgct gctaatactc cttcttatca tataatgtct gccatagact      240
tcaagagtca gatgtttagc tcttttacag cgtttacgat ataaccacat gtgggattgg      300
agttttgggat ggggaattgc ttttcacgaa ttatcgtact ctttgaccaa gaaattttct      360
tatttcactt aaacgtgtac tggactata taaagaataa caacggcggg tttattttcc      420
aaagttggtg tgttatctaa aggtttatca aaaaattgcc      460

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<210> 1268

<211> 547

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(547)

<223> n = A,T,C or G

<400> 1268

ttgacgcacg	acttctgttc	tggtacatcc	gttttacttt	atctctctgg	actagtttca	60
tttcattatg	ctgggtaagt	tcttagttgc	cgctctggcg	gttggtgctg	gagtcaaccc	120
tgccgaggct	caacagcaaa	acatcttcat	tactggtggt	ccagtcactg	gtggaagtgc	180
cgttcctgct	cgccgcaaca	tcaatgacct	tatcaactnt	ggtgggccca	ctctggacct	240
ttacatgcga	gccgtccgct	ccatgtacga	tgccaaggag	accgattgga	agtnttattt	300
ccagggttgc	ggtatttcacg	gcaagccatt	catccagtgg	aacggcggtg	gtggccgaaa	360
cggcaacggc	tgccctggata	ctgcctcacg	gagagagcat	tttctgacct	ggcaccgacc	420
ttacgtctgg	tttacgaaca	aattctcgtc	gagcacgcn	agcgactcgc	caacctttat	480
tctttcnaag	taccgggccc	antaccgttg	atgcaccaan	aaactgggag	cttctactg	540
ggattgg						547

<210> 1269

<211> 591

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 1269

attgacacag	ccgacacctt	tacacccaaa	atgcccagct	catgtaaaga	actgcgcgag	60
gcactcgcgc	agtgtctcca	agaaatccga	gtgtgtcatg	gttcagcgca	atagcgccgg	120
cgactgcctc	cgcgaaaccc	tcttcgacac	tctcccccta	aagtgcgcgc	agctgaagaa	180
gggcttcggc	gaatgcaagc	gtggcatggt	cgatatgcgc	aagcgattcc	gcggcaatat	240
gcccgtggct	taccgtacga	tgaggcaggc	tgaggagggc	catggatacc	agctctacgc	300
tgggcgggcg	gcctttgcag	gcggtgtcna	gaagacggac	ggaaacgagc	ccattcccca	360
agattggaga	gaatcgagaa	tgagaagtgg	aaggccgagc	aggcagcaat	ggcacagcag	420
aagaaatgag	agaacggjaat	tctgatctca	aaccaggcgg	ttcgcttcgc	tccaatcact	480
acagcaatca	acgattttacg	aanacatgtc	ggaattaaga	tctaatatga	agacaacaaa	540
tcggaaaaaa	cttgcctcact	gttttgatca	gtcatctctg	ggacgtgcat	a	591

<210> 1270

<211> 678

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 1270

gcaccgactg	cccagccagt	caacacccaa	gcaacaatcg	caagcaaacg	caacatcagg	60
gaagggggcg	cgctcccaatc	caatcaagtc	tcttgccgca	aaaccaaaca	aaacggggcaa	120
ggggcccccg	acgggcccag	caacaagcaa	ccaaacaaaq	accagatta	tgggatacaa	180
tcaaaagctcc	ataaaagcccc	gaagttacgg	ggacgaattc	catgaagctc	acacgatnat	240
caaaaccttc	caagcatcaa	taacctttatc	aaccaagccc	caagcaagca	aaatgttcan	300
ggtaattcct	ataacaaagg	gcaagaccaa	tccgcaattt	ttagccgcta	cqatagataa	360
tcacccagcca	caaaccgtca	gtcctggaac	tgatcccgsa	atcctccagc	agcaacagca	420
ggaagctatg	ccacagcctc	cacagcaaca	acaacctttc	gacaaccagc	aattctcaaca	480
acagtaacaa	caacaagcaa	gcaaccgag	gggcaagcag	caacctcnaa	aagcaagtcn	540
aagcagtttc	aacaacaagc	aacaccaagg	aacaagaacc	aagaacgagg	tacaacaagc	600
aagccacaac	aacaagcccc	gtcaagcctg	gtcaccagta	tactaaattc	cgtcatgcgc	660
gtcacgaaag	gnaagtaac					678

<210> 1271
 <211> 247
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 1271
 agagtgtgct acagcgtgga gagaagatcg acgatctagt ggccaagagt gacggcctaa 60
 gcgccc aaag caagatgttt taccagcaag ccaagaagca gaactcttgc tgtattttga 120
 tgtaatggac catttcattt ttcttggcgt tggacctggc ttnttttcag cacataaggg 180
 atgtcggcat tgagattggg tattcgtgtg gcgcagatac ttccaatcgt ttatttaacc 240
 caccaaa 247

<210> 1272
 <211> 594
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 1272
 ggaacggtag cggggccgccc ggttgctcgt cgtatggagt tcggteectt atcgcgccct 60
 tcaagatcgc aagcgcgaca taatcgcaaa ctacacctac cagttcgtcc tgtcatttat 120
 gaaccagaag gcatgaagga aatggccgcc gagcgacact ttgaaatcag tgccaagtca 180
 tgtttccacg ttttgtttgg tgataagagt ttctgtgtcc cgaagctgta ctttgagcga 240
 cgagcccaac agatcgccca aggacctggg gtgctggtag atcagggcag gatgagggct 300
 gaattccagt tcaagggttg ctataaggat gttctgggtc ggtcaaagac ggcggacgtc 360
 aacgactatc agattatcga tgttttcagt gaccatgtta cgtacgtggg gacacncgtc 420
 aagacgcctg gcatctacct cactcaagct ggttcaaggt tgtgacaaaa attgtcatca 480
 cccatgtggc taaaatccaa gtgcaagctg gcttatctac atcaaaacag attggtnгаа 540
 agaaccagct ctatccaaga acctgattga ccgtcaggca atccacgacc cngc 594

<210> 1273
 <211> 502
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 1273
 gtttttcag aagctcaccg tgtccaagga gtctcttgac atcaaggagt ctccaanga 60
 gttggcttct ttcataaacg gtctgctcgg tgaccaggct gtcccccaga atgttatcga 120
 ggggttgaag aagcagctcg ccaacaagaa ggacgcgcgc gccgttgaga aggcttgctt 180
 tggcatcgag gctatcgctt ctacagcgga ggtctccgct gccgtcgagc cttaacctcgt 240
 tctctctctn cccgctgtcc ttgcccgttt ggcgacaaga tcaccgctgt caagaatgcc 300
 gccaggggtg tctctcgaca ttgctggggg catcaagctt aacgttgona ggttgcttct 360
 ttaagtcatg gattccatcc gaagtggcag aatggcccga aaagatggcc gtcttgactt 420
 cgtcgagtac tctgaagaac tccctgntaa gttggctacc gggttcctga ctatcctgga 480
 tttcgagtca ttngggaacc aa 502

<210> 1274
 <211> 523
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

```
<400> 1274
ccactactga tatctgatac cacattagcg aagccctgcc acttaccctt tactgttcat      60
cgtgacctat ctcagcctcg cgtatagact aaaaataaaa agtcttgtct cacacctacg      120
atgcaagaac tcgacctgttg ncccccggcc tttgtcgaga ggaaaaaaa gattcttgac      180
caactcgcaa ttcctgatac tgagtacacg gatgcttcac caaaaggctc tgtanacgag      240
ggatccggg atctnattaa tgaaatcaat caacagtcag gattcgtcac taccagcagc      300
tgggaggggc gtgttattgt attccttgag ggacgaaggc ttgctgacac cgaaggcgag      360
gatgagcgaa tancangtgt tgggtgaaaag ggtgctggaa gaacctgggt gttttgttgc      420
tcacgatcct atacccgata aagggtgatgg ggccacggac tggagtagtc agttttggac      480
ttgaanattc tacagctgct taaaacgcac ctccaacggt caa                        523
```

<210> 1275
 <211> 600
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

```
<400> 1275
ggacaatcca tttaaaagca ccgcatactc cacgttcttt gcacttaagc gcttctctct      60
cactcctttg ggatcgcttt ttctcaagac agtgctgcgg ttgcttctcc gaaatctagc      120
ggcctgtcgt cggcataata aggggaattt cgcgtattcg actcttcagt ggttcatctg      180
cgcgcacaaac tgaacgcctc ttttcattta acgtttcctc ccaacctcga cacaaccata      240
agacgtcgcc tgacatggcc gaacacgaac ctgtgaaccc gatggcatcg ccttcgcctc      300
aacctgacat gacgagaaac cgactgccta cgtcttttga ggtcttgagt cgtcgcactc      360
tgcctcctgt tgacctcttc tcattctata tttacatgcg cgatcaacag cgatctgttg      420
attaccttga tttttggctc gatgtcgccc agcacatgtc actggtgcgg acattatggt      480
cgtgaacttc gacgatccgt gcttatnngg cctcctgaa ggcgcaagtc caagcgatct      540
tcagcttatt ctagaaaata ttggggaatt ggaacccaaa actgccggcc ngtccatggt      600
```

<210> 1276
 <211> 521
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

```
<400> 1276
taaacaaaaa cgggacgggg caaagaaacg ccgactaagg actctacatg ggctgagaat      60
ttccgggttc ctattgated ttragaqqat tacgtctatt atagtcacac gttgcuaagt      120
gaggcttttg cctcggttla caggctctgg aagcgacagt ggcagggccc gaagaaggag      180
tattgcagtg gtgctttagt atggcagacc aacgactggt ggcccgtcac ctcttgggct      240
atttgtgact attacctcgg tccaaagcac gcatactata ccatcaaacg agagatggcc      300
cccgtcacta tcggaatgac gcgcccagta cataagcacc ccaaggacaa gtacaccaga      360
```

gttaacgtcg	aatcaagac	ccaagttgag	atctggggca	gtaacctcaa	cttgaaagac	420
gcgactgtag	attgcgtatt	gaangcttgg	gacattgaga	caggaaaaga	aactaccnca	480
aacagtgtct	tcggaactcg	tctcanacaa	ccgtcacaaa	g		521

<210> 1277
 <211> 619
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 1277						
nottaccatc	gagcaccctt	gaggcggaac	ccctcctcct	gtgcctgtca	accccaagcg	50
cactgccaat	gtgaccaayc	tggcgalttc	tggttaacaa	gaatatcgca	agggcaagtt	120
ccctgaggcc	gttaagttct	acacgctggg	tgtgcagatg	gccatgcagc	gccctatgtg	180
ggagcctgct	gcgctcgtgc	gggaggagat	caagcggact	gcttgccaac	cgggcgcagg	240
cgcacatggc	gatgcaaaac	tgggctgagg	gtgcctgtga	tgcgcagtcg	agcgtcgagg	300
cgcgctgggt	cagaaaccca	aaggcttggt	ggaaaaaaag	aagatgtcct	ggccgagatg	360
ggcaaatattg	aaagaggcta	gggactggat	caaggagggg	attggaggtt	tgagggtgaa	420
aaaggaaaaac	tgggtgcactt	tttgaaggag	atcgaaaaaga	ggatttgaga	agcaancagg	480
cttaaatataa	ccaaanaatg	gttgagtgtg	gntagaatca	aggcttgctg	aaagnttgaa	540
acaaaatggg	aggattccac	cnagacatga	tanttnggtg	tnagctttaa	agggcaacga	600
ttagnagttn	ttaaggttt					619

<210> 1278
 <211> 570
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 1278						
gtctcttgaa	aactacgcca	aggcaactag	ctgctaccga	accgcggcg	ctacatgttg	50
gcaggagtgt	ctctacactg	cggcccagca	gcaacctccc	atgtcttctg	agtctatggc	120
tgatctcgcc	agcaaccttg	cggatgccct	ctgggaagcc	aaggattact	cgtctgcggc	180
taccatccac	ctcgagtacc	ttgactcaat	cgacatggct	gtcagttgcc	tctgcaaggg	240
ctatcccttc	gctgatgcca	tccgtcttgt	cgtccaacgc	aaacgtcccg	atntcctcaa	300
caacagcgtt	gacaccggtc	ttgctgacgc	actgggcact	acaactgagt	tcctcgccaga	360
ctgcaangct	caactcaang	gccaaatcct	cgcgtcgtg	aacttcggcg	caaggtatcg	420
aggacctcct	gcctctacga	agganaccgc	nctgggtggat	ggacatcccg	acnattctcn	480
gttggtgata	tcnctttcac	acaatgatca	tcttanacat	aacaggaagg	cggaatttgg	540
aaactggana	ggtattccaca	aaacaaaact				570

<210> 1279
 <211> 565
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(565)
 <223> n = A,T,C or G

<400> 1279

attccccatc	tctcccatct	tctgtctttt	gttagcttct	anacaaacac	tcgtctacaa	60
gcttcgatcg	ctctcaccgc	aaccccccaa	aaaaccactt	atacatcaca	tcacaatgga	120
ggccatcaag	caagcgcttc	accttggcaa	gggtcttgac	gccccctgctg	agcctactcc	180
cgaggctctc	aacgagctca	aggagaagta	cacaaaggcc	ggccaggagc	aagtcttcac	240
cttctacgac	tctctgtcct	ccgccgagcg	aggaactctg	taccagcagc	tttctggctt	300
cgacccttcc	cacatcaacg	acatcacaca	ccgcgcattg	aacctccca	agaccagcga	360
tgagcccgac	cgctcgcagc	ctnttcccg	atctgccacc	gccagtatcc	tcgattccag	420
tgccgatgat	attgccaaagt	ggtaacgattc	cggctcttgac	ctcatttnta	anggtcaagg	480
tcgcgntgcc	tcatggntgg	gggccagggt	actcgtctgg	gtagctctgc	cccaagggct	540
ggtacnanat	ttggccttcc	ttcca				565

<210> 1280

<211> 638

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(638)

<223> n = A,T,C or G

<400> 1280

gctttcatca	tcaaccacat	caaagatata	agccatccat	caacgtcgcc	cgtattttcca	60
ccccgaaatc	gacgggtgaa	ataaatacat	agaactttat	tctagcgaac	gtccattttcc	120
tctaaaaaaa	accgcctccc	aacgcaaata	aacagttcac	atccgccaac	atgtttctcaa	180
gcaatggcgc	atcgtccctg	ggcaaactcc	caacgttcag	tcatacactc	acatctctca	240
cacatcttcc	gcaccctccg	ccccaggcat	ccaacgatact	ctccgcccac	ggtgtcggcg	300
cctccccctt	cgactccaag	tccacacccg	cctctgccc	ccctctcgag	gcccgaactga	360
agaactggga	ggccactcag	gagtcctcca	agatggaaac	tcttcgacaa	actatggcat	420
ggccgaaccc	atccgcctg	gcattggagct	caagattgtc	canaacggcg	aatggcgggc	480
cattggccctt	gggggggggt	tgcccagcgt	tcattgaagat	attcttagaa	gcccgcgaaac	540
taccattact	tgggaagatt	ctttaagggc	gatganacaa	gggcccgtggc	tggattccac	600
cacaagatgg	agaagaactt	aagattcagt	aaacgtgc			638

<210> 1281

<211> 554

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(554)

<223> n = A,T,C or G

<400> 1281

cgaacctcaa	accagcaatt	gccgacttgt	acacactcaa	cccatacaat	ccacctcaat	60
aatcgcttca	attcgctctt	agccatgtct	ttccgagctc	ccctccgtcg	attcgcttcc	120
gcccaggccct	cttccctctat	ctccgtcgct	gcccgtggct	tccactcgac	ccctcgtgcc	180
tcggctccggg	tgggccaaga	gatcccgaac	accgacgtcc	tcctcgagga	ttcgcccggga	240
acgaagttta	acattgctga	agaattcaag	acatccaacg	gatacatcat	tgggtgtcccc	300
ggcgcttttt	ctgggcacatg	ctccagcaag	cattgtccct	catacatcaa	ccaccccang	360
ctcaaacagg	ctgggcaggt	ttttgtttgtc	tcggccaacg	acccctttgt	catgaagggc	420
tggagcgacc	aagcttgcac	ccgcaaaaaca	gaacgggaatc	cgatttccctc	gtgacccccc	480
tcgtgagttc	accaanggct	tggacctcgg	tttcgaagga	tacctgtct	tcgggtggca	540
tjcgaaagcaa	gcga					554

<210> 1282

<211> 361

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 1282

ctttcagcat	ggtgtgaaga	cggatcttgc	cctactgcc	cccaagtgg	atgagaaggc	60
actgggcctt	aaggaatcaa	gtgcctcggt	ggcagcacc	atgccctgta	agatcctgaa	120
naatgaagtt	gaagagggcc	aaacagtaca	aangggtgcc	cctcttgtag	tgatcgaatc	180
aatgaagatg	gagactatta	tccgatcgcc	gcaagacggt	gtgatcaaga	agctggcaca	240
caaggaagga	natntttgca	aagcaggcac	agtgccttg	atgtttgaag	aaccccgag	300
gaaaggatgg	agatgcatga	ttgatttgg	tataatgata	taataaattc	tggcggttaa	360
t						

<210> 1282

<211> 930

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(930)

<223> n = A,T,C or G

<400> 1283

gtcccctctc	caatctttca	tcatgcccgg	aggcgtgtgt	gcccgcctcn	actatgaggt	60
cgacatgatg	tccgagtacg	ttgccganat	ggccacccgt	gtcgtcacac	ccgaggctgn	120
tngnacttgc	ccattccgca	agttcgtgtc	tcaaactctc	acctngacac	gattgcccag	180
caccactatc	ctccttgga	tgaactatct	cgccaagagg	atcaacacct	tgaagggaca	240
gggtccctat	aaagcttntg	agggacaggt	ctggcgttac	ctgaccgttt	ntttgcttnt	300
gggaagttaa	gttccctcgat	gacaacacct	tccagaaccg	ctcttggtcc	gaggtgagtg	360
gcacgcgccg	tctctgagct	gaactcactt	gagtttgagt	gggtcgagtc	catgggctgg	420
cgccctctatg	tcaatcttga	catgagcaag	gattaccagg	cttggtctga	gaactggcgt	480
gactggcaga	gcataagaa	gcgacaggtc	gccaggcca	gccgcgagag	ggtcgcattt	540
gttggtcccg	ccatcgatac	cgacatcgcc	aggtattttg	gtcaccgcgc	agtcttctca	600
atcgcgttac	ctccaggaac	aggttggcga	atacgagcgc	taccaggcta	tgaagtccca	660
gcaacagagc	taccgccacg	cgagtctggc	tggggtcaca	cttcttgggg	agctcctnta	720
attccccgat	ctggctatgg	cactcagact	acgctatgct	gntacgtnga	gcaacgacgg	780
tcaacgatgg	gttttnaagc	cgccgacaat	acgcaatcga	tatcctaact	ctgntataga	840
cttttaccga	attgggccta	antctaaagg	gcactncctt	ttacnaaaat	ntggacttgg	900
ctgttaanga	ntcctgggtg	tgancanaa				930

<210> 1284

<211> 578

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 1284

gccacccaaa	gcaaaacgcc	ctgtcgatcc	attaccgctc	cactttgggg	gaacagttct	60
aggacccaaa	aaagaaatat	caacttgatc	gcccgggaat	ttcgagtttc	actcaatttc	120
cttttataaa	acccggaacg	cttttggcat	atcgctcttt	gtcgactttt	tctaaagatt	180
ctcacaagtc	gacaattgtg	cgttgcaact	tttgtcgcag	aaacgcactc	ttttcttttc	240
agaaccgccc	gacctcatgt	ttcgatgata	cgcgctcggc	ttctcgagcg	tccgacgaca	300
gctctcaacc	atgagctctt	ctagcactcc	cgttgaggat	atgattcgcg	caaagatcac	360

tgctgctttc	aaccgcgaga	ctctagagat	ttacaatgac	tctcaccttc	actctcacca	420
caangccatg	gaacacacta	cttccagcga	gacacacttt	cgcgtgggtca	tcacctcaga	480
cgcattcaac	tccaagatgc	agcctgctcg	tcaccgcgatg	gtctacgccc	ttctccgtga	540
cgagatgggc	caggaaaacg	gnatccacgc	tctccagc			578

<210> 1285
 <211> 573
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 1285	
cgacaagaga	acgcgggact
acccctttgcg	caaaccgagg
ctctcatcgtc	ttctctggca
cgatcacgga	gatattcaag
ccatgtcgaa	aaagccgcga
tacgaacgct	cgtgccatga
atccatgatt	gattggaact
ttctgtccac	gcgggctaca
cggcgagact	cgaggagatt
aacggaccca	ctatgattgc
	cggccgttgt
	ttc

<310> 1286
 <311> 623
 <312> DNA
 <313> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 1286	
gtccggcctc	ggtcagagtc
ctcagctggg	ctggtaaccc
atcttcccca	aggtaactcc
atcacgctcg	acctcaactc
ggccgggtgc	cgcgagctg
cagccggagt	cacgaacctcg
caagcaacca	gatcgaaacc
cgogaaggcc	aacaatacct
gtcaaggngg	gaggcgcaat
cccgctcgag	actcggccat
ggttttaaacc	cggttttaca
	aat

<410> 1287
 <411> 513
 <412> DNA
 <413> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(513)
 <223> n = A,T,C or G

```

<400> 1287
ctccattctt ctgtcaacta ctaccggcct tggtctcttt attaccccag aagtattaaa      60
agccccattc gctgttgaat ctaccggagc ggccccactc ttccgtcctc cggttgccgg      120
acaccggctt cttcttctct catctttcga tctctctcac gtttcataac tcttctattt      180
gtcttctccc atacaaccgg tcaactcatt aggtcaagaa tcacttcacg atgtgcctt      240
ctattccggg tctagccgag tacggcatct ctctaccca tggtttctt cgggatactc      300
taccattgac tcgtctaccg gatccatact acaacaaatg ggaggccatc gcagccaacc      360
tacaagccct tattcttagt cgtaggctgc gtggtgcatt gatagactgg cagtctctct      420
actatcgggc ttgaacatga cgctnaatgg cgctgctat tcaatattgg gcttnatggg      480
ccatggatat atctggggga ggngatcacc att                                     513

```

<210> 1288

<211> 563

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(563)

<223> n = A,T,C or G

```

<400> 1288
cctcaccgac gactccatga gcgtagcgcaa ggctcataac agcggccgaa accatctacg      60
aaatgtagtc gattactacg aacaaattgg ccacgagaag gccagtcctg tcattgactc      120
aatcacatct tcttatgctg ccgagggcca agcccacgcg aacctatgc ttcttcagaa      180
tcagcctggc cacggttttc ccccgctctc cttcggtctc ccagggtgga ttctctctcc      240
attccccgga atgccccggc cacctcctgg acaatttctt ccacctctct gggcggtctg      300
aggtatgctt cctatgcctc cattcccagg ggccaatggc atgggcatct ctcctaaccg      360
tttctcttct cctctctctg gtggtctctc attcctctct ccaggagctc ctggcgctcc      420
cggtagcccg ttccccggta tgccccgtat gctccgctt ggtcagggtt tcttccccgt      480
ggtattccac cacttggaat tgccccctct ggagcangac ccccttctgg acacgaaaaa      540
gogataaagc ttctactgag tgg                                     563

```

<210> 1289

<211> 635

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

```

<400> 1289
gggcagagca gaaacaggag gtatcaaagg gacacggaaa tatattggca caccagaggc      60
gcaggctgta ttctcaacc taaagatacc ttgctcagtt caagcattca aggatccaga      120
acgcggcaag tccaagcagt acctctttga ggctattgag cgatactttc aaggaggcat      180
caccagcgta gaggaccgca ttcattgcac caacctgcca ccgatctatc ttcagcatcc      240
aggacattct ttgacnattg tcgggtttga gaagcagatg gatggccaca caaacctctt      300
ggtattcgac ccagcgtttc accattctac taaqatcaga aacctcgctg ggaagacagt      360
tcgactgaaa tctctcttca tggatggact tgtgaagcca talogtcccg gttcgacta      420
tttcgtaaaa tacaatgaat acgaagtgtt ctatctcaca aaatatgctt ctgtggcata      480
gttcaatgta agatnngctt actgtgtggt ccttgaacca agcctgaagc cttgggcaac      540
gcgcgaactc gatganaaat tctggctctc tcaacctttt ccaattcggc aaatontata      600
aaggncaacg gagaacaata taatttgctg cgttc                                     635

```

<210> 1290

<211> 573

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(573)

<223> n = A,T,C or G

<400> 1290

ctatgattga	ctcagtgtaa	gcaattttaag	cgatagtgtac	catttttcttt	cgatgaacaat	60
gtatcttcgc	attccaaaat	tagaccgcac	ttcgggtattg	cggagatctg	gactcctcac	120
cattgcatga	gcagacctca	accgtaccaa	cagacagttc	aaacgcgatc	atccccgat	180
aaaaaatgcc	attcatcatt	caaggctcag	tcattctggt	tacagcaggc	acgtctgggc	240
ttggtctcag	tgtagccacc	aaactcgctc	aactcgggtc	aaatgtcgtg	ataaactacg	300
cctccaacaa	agaccgtgct	gacagtgcgc	tttctcaact	ccaagaattg	tcaaggaaac	360
aagatccctt	tcccaagtc	atcgcaattc	aagccgacgt	cactaagana	tccgaaattc	420
ancgcttggt	agccgaaacc	gttgcgtgta	tgggcaagct	tgacgggtgtg	gtgtcnaacg	480
cgggctggga	ccccattcgc	gaacttttct	gatcttgaca	ataalgtcna	tgaaaaagtt	540
gyggataaat	gttatgcggg	caacgtcaan	tca			573

<210> 1291

<211> 589

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 1291

gagacaacgt	tgtctcagcag	cttgctaaaa	atggaacatt	ggctatcatt	caaaacgcca	60
ctcgcgcgcy	cgggcctaag	attcatgaga	tggcccttgg	tagccagggt	agtcattttc	120
tctacaaatc	cggggccaac	gtgcagttct	gtatggcatc	attggagcca	cattttcactg	180
gccttgttgc	cgcgaggaga	ttaatgacaa	cttaccatga	gctacatgca	tcaattcacg	240
ccaaacactc	gcaccttaaa	gtgtttgcag	cagttgggga	tgatgcaact	tccctggcat	300
ggactacgcc	tgtttccaag	ttttactgtg	taccagggcc	taacgtgtca	aaaacaacca	360
taacacaggg	agcaaacaaa	atcattcaat	gggcaaagaa	gggaagaaaa	acgccttttt	420
attattggaa	gcggtgtggt	ctgaagatat	acctcctatc	gaagtctggt	ttcctctctc	480
atcctaaaaa	taaaaccgcc	tggccttgcc	atcgatcatg	tnatggggcc	aaacagaaaa	540
aaatnccctc	caacgcccac	attattcgtt	tctaacggaa	tcccccttc		589

<210> 1292

<211> 539

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(539)

<223> n = A,T,C or G

<400> 1292

aagggaacatc	ccacgcctta	ttactctgat	ttgaacattg	tcaaccatca	tcattgtcgac	60
cactccagga	gtaactttcc	gaaaggacgg	aacgaaaaca	tttatcccgc	tcgagaacaa	120
cccagaagtg	ttcaccaagc	tcattcataa	cctaggcatc	tccaagaagc	tgggtttcta	180
cgaatgtctac	agcgttgacg	agcctgagtt	gctggccatg	attcctcacc	cgcctcacgc	240
cctaatcttt	atcaactcctg	cgccttatgtg	ggctcgcgtt	cgggaaagtg	atccttggttc	300
aaaagagtta	acatacagtg	gctntggcca	natgaacccg	tcattgtggt	tanacagact	360
atnpgacacc	cctgngggct	nattgttttc	tacacagtga	aacaacggtc	cggccaagat	420
tttttaaccc	anactgctct	aacnaatcat	naggagacac	aggaccttaa	ncccttgacg	480
gcgattttct	ttaaattccg	tgactggaaa	ggccattttg	tgcactttac	agggattttt	539

<210> 1293
 <211> 599
 <212> DNA
 <213> Fusarium venenatum

```
<400> 1293
caatctcaac ctcaaccatg gaatccctct cagacacccct gtgggatgta gtgatcagcg      60
gcactgggct acaacagtcc ctctagccc tctaagcttt ggattccatc gtcgagatgt      120
gccccggctg gactgaccca gccttctttg ttgaagagct ctgtcgcggt caggcaaaaa      180
catacttcac gtcgatccca acccattcta cgggggtagc gaagccgctt tcagcctcca      240
agaggcagac gagtgggctg agaagaaccg atccgcccac acttcccggg tattttctgc      300
tgcggaagca aagcgtgatg acaccttgag ttccagcagc gcctacagtt tggctctcgc      360
gccccacttg atacattcac ggtcgaagct tgtcactcag ctcgttgatt cgaaagcatt      420
tcgccagatc aagttccctg ctgtcggctc tttctacatc taccaagccc ccttcggatt      480
cttcgtcgct acattccctc agccggatac cgtcgactcg cgaagattct tttccaacaa      540
gacataccg gtcggttcca agcggctcct gatgaagttc ctcaagtttg tggttgatr      599
```

<210> 1294
 <211> 400
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

```
<400> 1294
gcggtactat gagcctggcg cgaaaatcta tgtctttggc ttcagccgag gtgctttcac      60
tgccaagttc ctgcgccgaa tgctcaacaa ggtcgggtct ctctgcaagg gcaacgaaga      120
gatggttctt tttgcatacc gtctctatca acgtcatctg caaggcgaga tcaaagacag      180
tgaggtagcc cagtgtctcc atggccatga gcacgatgga gatgaatctc actcccacgc      240
tggtgaaatc cggctaccgg gccaggatcc cactgatgtc agtgacgaga ccagagaggg      300
ttcgaatgag attgaggcct tcagccagac gttttgtcgc aaagagacga actcttgatg      360
gcgaanagga gaatttcaag gnattctttc ttnggcattc      400
```

<210> 1295
 <211> 565
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(565)
 <223> n = A,T,C or G

```
<400> 1295
agctgatctt ccaccaaatt gctgggagac ggtttctctt cttttactgg cgaactttga      60
tacccttcat cacttaattt tgaaacttgh tgaacttatt qccqaacagc gaacagggaa      120
ctgcaagggt atatacaaat ccacaaccat tcaactgcac cttgtaccag ccgaaatagn      180
atcttactta ccccggtttcc ctogaagtga ttgaactccc accgctcaat aatctaacca      240
caaatctgtc atcatcatgg cgtccgtatc gtcacttgat aaagacttgc gcaaaatgag      300
cttgagagaa taacgcctcg ctgcagcgaa cgaagcgcgc tcatggattg aagacatgct      360
ggggaagaat ctcccttctg cagatctgct agaaggcctc aaaaatggaa tcctttgtgc      420
aagctcgaca atcgggacct accgccccca ggaatccgat tccagaaatc cgcctatgag      480
tttgtgcaaa tggaaaacat ctcgctcttc ctacgcgcac gccagtctnc gccgttgaaa      540
cttonacaac acaanacatt cccga      565
```

<210> 1296

<211> 422
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 1296
 cctgaagctg actcccgtcc aaaccgaaaa gctcaagaag ctgcgcggct ctcgctacaa 60
 tcccagagaca gagatcatca agatgagcag cgacagcttt gagcaccaag cgcagaacaa 120
 gagatacctc tccaacctaa ttgacgacct catcactgcg gcaaggaccc caaggatact 180
 tttagaggata ttcccctcga cactcggcat catgttggtta agcccaagcc gcaattcccc 240
 aaggagtggc gcatgaccnc tgagcgtcga cagcagcttg atgagcaccg gtcacgtttg 300
 gncattgaag atgtgaagat ggctganagc ggtcagttga tcgaccngt tcaagccatt 360
 guccaacact tgggtganaac ccaccgagga canaagaagg ccaagnttgn ggaentgttc 420
 tt 422

<210> 1297
 <211> 628
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 1297
 caacatcatg ctgcgcaaac tccctcgtcga ggaccgtgtc attggcgata tatcaagtgt 60
 agttcacact gaacctgtag gctactggca cttctctcat tcatacgtta gaggaaaactg 120
 gcgtaatgag aacaccactg ccccgctcgt gctgacaaag agttgtcatg acatcgactt 180
 gttgctctgg ctgctctgct ctccagaaaa ggccgggacag ggagagcctc atattcctgc 240
 gacggtgtct tcatcaggcg gccttcactt gttcaagaag agtagaaaa ccaaggcagc 300
 agggtcgcga acaaactgca caaagtgcgc ccttggagac gaaggctgca agttctcggc 360
 aaagaacatt taccttggcc caaagctcaa ggggctgcag tccggcaaca ctcgatggcc 420
 gtcagtatcg ttgtccatga tatcgaggac taccgcatcc caagaacaaa gagaggagct 480
 cctcatgaag acccttgagg aagactatng cgagtgcag cccaagtccg aaatccaatc 540
 ccggnactgg gtcggcgtt gcgtctttga acagatacaa tggttgngac gaccaatttg 600
 cacaatacct ggnccgaatc tacttaag 628

<210> 1298
 <211> 742
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 1298
 tttttatacc ccagattttct cttttcaagg gcttgtttct cgtttcttcat caatcaaacac 60
 ttgttccatc totacgcgca gtcagctcca ttctgtcgcg acacgatagc ttcatacaaaa 120
 cgtacaaaata naacgaacaga caccatggcc tcaaccacaga agctcagaac tcccatacgc 180
 gatcttttca agatcaagca ccccgctcctc ctgcgaggua tgaacgtcgc ttgttggtccc 240
 aagcttgccg ccgcccgtctc caacgctggg ggtctcgggt tcattgggtg ttgtcggtat 300
 acccctgaca tgttgcgaga gcaaactgcc gagctcaaga gcttccctga cgacaagaac 360
 gctccctttg gtgtcgacct gcttcttccc caggttggcg gtacgctcgc caagactaac 420

tacgactaca	ccaagggttaa	gctcaacgag	ctagtcgata	tcatacatcga	ggagggcgca	480
aagctctttg	tctctgctgt	cggtgtacct	cccaaggctg	ttgtcgataa	gcttcacncc	540
aatgggtatcg	tctacatgaa	catgatcggc	acgtcaagca	cgtncanaag	tgctttgacc	600
tcgggtgtcga	tatcatctgc	ccccanggtg	gtgaggggtg	tggccacacc	cggtgatatc	660
cccacgactg	tcctcatccc	cgtgggtgng	acatctgcaa	gaacacaagt	nccctntcac	720
tggcggtctg	tncaaggtta	tg				742

<210> 1299
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 1299	
gcattggcaa	cccagacaacc
cccctcgaat	acgaanccgg
tcttcnaag	ccgaattgaa
cnaaaggggg	ccatcagcca
gcaatgcgcc	tggaagaagca
ttccgaaact	acgaatcaga
gaacgttcag	cgctttttcgg
acatggagca	gcgacaacag
cgattgaaaa	acagtcnagc
gcaatcttgg	ttgacanega
tcgaaccctt	tcgcctccag
gntctgaact	tttcantctt
cnaacaaatc	cctgaactag
gnacttgang	anctcgatta
gcaccaaagg	cnaccagcgc
gctcgtcgca	agttgaacac
acagaaaaac	cgctggntca
gcacgggaac	gccttgatcn
gaaaacgaag	gcattggggc
aacgttccc	
	60
	120
	180
	240
	300
	360
	420
	480
	540
	579

<210> 1300
 <211> 596
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

<400> 1300	
tttgattcgc	tttttgtctt
aatctctctt	gaagttccac
atcgaatatt	cttgatccag
gagcgccaca	gylaacaact
gggtgagacg	tacacgccgt
caccagagta	tcgtaagtgt
cttggtcggt	cttttggnng
tttaaaangg	aggggttcng
ctttatgggg	qantttgttt
tttqattcca	aqqqqaacttt
ctaateccaac	aatgccttct
agccctgtca	tcacaaccct
gatagcttga	cctccagcac
ccgcagcttg	gccttgetca
aaggggcgtg	tagacgtcaa
ttgatgaact	ttggtgacca
aaatgggcgg	gggcnaaagt
agcnttaagg	acnggggccca
gaantttcna	aaagccaaca
ngcccaaggg	ggtttc
	60
	120
	180
	240
	300
	360
	420
	480
	540
	596

<210> 1301
 <211> 663
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(663)
 <223> n = A,T,C or G

```

<400> 1301
ccttcctctc ttagtggttg tctttccctt tccatcgcg c ttcactatca cattaacaac      60
tcaaccgcaa tcatgtcaaa gacctttacc acaagcgacg ttgcgtcgca taacaagcct      120
ggagacttgt acatcattgt cgacggcgat gtctacgacc tgacaaaagt tcaggacgat      180
caccctggcg gcaaaaagat cctccagcgc gttgctggtg aggacgcctc caagcagttc      240
tggaagtacc ataacgaggg aatcctgaag aaatacaaga accagctcct ggtcggctcc      300
cttgactcca agcccaaggc tcccgaaccc aaacctaagg ccaacgcgac acctgtgcct      360
gcggtccta cgcccaaggc cgtcaagact gccganaaag aagttgccgc caaagaagaa      420
gaanccgagg ctctggagcc ctttggtgac canattccct ttgctgacct tgcttggtac      480
caaagttacc actcacctta cttcaatgaa tctcatgctg ctctgcgtgc cgagatccgt      540
gnaatggata ganaacnaca tcnancctca tgcctgact gggacaaggc caagaggtcc      600
ccaaaaaatt tacaaggaga tgggcgcggg ggntacttgc nggcttntgg ggnaaaaacc      660
aat

```

```

<210> 1302
<211> 601
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

```

```

<400> 1302
gtggnttcac antctgacct tcaanccanc aacccactg ggaagacgac aatacaggng      60
tctcaatncc tagtccctgt ttgcgactgg nctgaaaang ctgaaacaag actgagaaga      120
angaattgat ttcacagctt taccgattct catgctcggt ctctttgcct tacagcttga      180
tagacgaaat gtgggctatg ccatgactac aaccttcacc gaaagatctc ngtataacta      240
atgatatcgt caactatggc aaccagctca tgctagccgc cgttgtcata ttcgagattc      300
ccttcaacat ggatttgctc aagatcggac ctgcactttg gcttatcata cangtatttg      360
catggggaac aatcgcaaca gctcatgcag ntatacacan caagtcaaga ttttaagtca      420
cacccttctg caagaatgtg ggagctggat acntggctgc gcgctgacga tnatccctca      480
ttttatacnc ggaagaatgg acgcgaacta gctggtttnn ttggaatacg ccaactggctn      540
agttggctct tccgcttatt caaaaccngg nacatggttg aaaaatggat ggnttcccca      600
c

```

```

<210> 1303
<211> 617
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

```

```

<400> 1303
tcttgacctt cctttgtcca aaagagactc aactattqaa taattgggtt tcttattttg      60
cttgctattt acagttgtgc ggcttgccgc caacttccaa ctcatteget ccttgttcaa      120
ttcgactact tctaaaattta tactcgcgac gcattcaaaag tatagcacat actcctaata      180
tcaaacccgtc atgggcaacg acagctccat cctcgccgac ggttccgcaa tgattgcgcc      240
cggcacatct ttcaaccaca cgtctcttga cacagcttta ccgcgcgtgc ctgtcttcag      300
cctcgagggtc cagcctgacc tcttgctcctg ggtctccgac ttttggtcca atctgctgct      360
ccttgctgctc ccttaactggg ccttgctctct caacttccaa gctatcgacg taatcgactt      420
gttccctcaa taccgacttc acacgcccga agaaatcaca aagcgcaatc acgtttcccg      480
ttatcaaagtc gctcgcgatg ttatcctgca agcaagatna tccaagtcgt caacggcgca      540
ctccttgctt tgttngnaac ccccganatg gtaagcaaa ggcgaatatg acgttgcnat      600
tgggctaacc gcantcg

```

<210> 1304
 <211> 621
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 1304
 ctccccccat ggcaacggca acgctcctcg ctccgctcagc ccattatcca gctcaaccgc 60
 ctttcccaag ctattctcaa tcgaactnng gtgcgcgcag catatccaac atgatttctt 120
 ccgttgaacc tcgaaaacaa gcagacgac aagagccgc aaaccgtcaa tcgcttcctg 180
 ctatctnnga agtcattcag ggcaccaagc ctggaccata tctgtctgca cagcacctg 240
 gctccagtc taccctgaact ctgcctcgcc ctctgccccg gctcctcgat ctttcccccga 300
 aactganaaa cgttctcttc ctccagcctnt tcaccgcacc tcagnttttc ctcgacaaga 360
 tggcctgcct gcgttctcgg actcaccctc ccacacttca gcagncgcca tacttctctc 420
 gtctntgac gcgncaganc cctccgatca agcctgatct gcctcccagc atcaccacct 480
 ngagcaaaag cattcggaac ctatcaccct tntgaatggn gtttattcgc atctcgcgca 540
 ccgcttctcg gccctgtnga tacaacctgg tnaattgctc ctggggaaaa gcctctcctg 600
 ngtatctatt tccccaaaac n 621

<210> 1305
 <211> 670
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(670)
 <223> n = A,T,C or G

<400> 1305
 gctagtacct acccctactt acgactctcg acaacttgct tttatcaact ttccttctct 60
 ttctaattat tccatcaact caactgctct ccagatccaa acttgccacg ggcaggtcaa 120
 caatcatacg aattccttct atagctcaca cttgagcaac ccgccctgac aatgggcgcg 180
 tggaaacctc tccgtgttct gggcgacttg tcccacgccc tctcgaaatg catcctcctc 240
 ttcccatcc accgcaaccg cagcgcagaa ggtgtctccc tcatcacgca ggtcctctac 300
 gctctagtct tctgcaccgc ctatctcgac ttgttttagag agagtgtgcc gtggaacatt 360
 gtgttcaaga tcttctacat cctctcgctg atttatatct tgggctatta tgcaatggat 420
 ttaccctcgt tctcgcgaac gtgaagtctc ttggaagatt ggcgctgtca ttcttgccgg 480
 ctccctcgct ctgtcgccaa tcgtcatgct catctttgaa cgaagtgaac accgaagttc 540
 caaacctgga tgtgggtgtt tcccaaatte tcgaatccgt ctgggcctcc tcaactctct 600
 ctctganana aacaaccgcc ccaccgttat cgacttcttn tacctggcgc cttggnttct 660
 accgncgcct 670

<210> 1306
 <211> 549
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(549)
 <223> n = A,T,C or G

<400> 1306
 cgtctcgtat gagaccgccc ctctgcttga accattgtct gtggctatct atgcagtgaa 60

ccgtgcaaga	ccagagcctg	gctctactgc	tcttggtatc	ggagccggca	ccgttggatt	120
gctgactgcc	gcaatggctc	gccaatcagg	ctgtacctca	gtgactatca	ccgatattga	180
cgctggctgt	gtcaactacg	ccgtcagcca	aggattccgc	acgcacgggt	tctgactcc	240
catctcacgt	ttgaattcgn	ccaactattn	ttngggaata	tctacacctg	ccactgggtac	300
cttgacacct	gccagcacgt	tctcgacggn	aagccgnttc	gacggagcaa	aatctntggc	360
tacggacata	cttgccctnt	ngaactcccc	tggetnattc	atccttgaag	aggatgagga	420
cggcgctgat	gtcacatttg	aatgcactgg	aaaagagggt	tgtatgcccc	caagcttgna	480
cccaaccaaa	gctggnggga	aaagtcatca	tgg naggc at	gggaactcta	tncaaactnt	540
tcctttgng						549

<210> 1307
 <211> 686
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

<400> 1307	
gggaagggtg	gcacottggg gcaacgactt tgttaagaac aagggtgagg gtaggatctt 60
tctccttcac	ggtgccccag gcgttggaaa gacatgcact gctgagtgca tcgccgagct 120
gaccaaccga	cctctcattt ccttcacgag cgggtgattta agtgtcgatt cttaccacat 180
tgagaacaac	ctcagctatt tctcgagct gggccaacgc tatggcgctc ttgttctgct 240
cgatgaagcc	gatatctatc ttgagcgctc ccgctccagt gacatcaaga ggaacggttt 300
agtatctgtg	tttctccggg ctctcgaaata ctaccgagga gttctcttcc ttactacaaa 360
ccgggttcaa	tcattcgaca gtgctttcct gagtcgaatt catgttgccct tgcactacaa 420
gaatcttggg	cacgaggacc gggagcgcat ctggagtcac aacttcgacc gtttgagccg 480
agactccaat	ggctttgggt gatgtttcca acgcagttcg cganntttgc ttggatagtt 540
gangatgtcc	gtagcctcaa gtggaatggc cgagagatct gcaatgggat ncaaactgna 600
cttggcttgg	ctgagaacga tcanaggaag aaagaccocna gaatttnatc nttggtngaa 660
gcacntttgg	nttgtggnta aaatga 686

<210> 1308
 <211> 639
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 1308	
ctcgaaagt	ctggccaatc tgagaagctc tttgccactt gtatcctcgg tgtgggtaag 60
ctcagttcgg	cttacctttg tgctttcttc ttgggtcgact tcatcgggcg acgacgctcc 120
ttgtatgggt	gtatcaccat tcagatgttt tctattcttt acatcgccat cttccttagc 180
attgtcggca	cagaagctct cgagaacgga accttgaccc catctcagaa gcatgccggt 240
gnggggtggt	tcgttgatgt ctacctctct ggggtcggat ggacaatqqq ttggaactcg 300
tttcaataac	ttgttaacgc cgagattttg cctctcttggc tacyagcctt gggaaagctc 360
catgaagatg	tgtctacact tcggcaatca ataacggnac acaaangctg gtccgttatg 420
ctcctttcca	tgacaagcgc ttgctttctt ttctctctggt agtgggtggc acttggttta 480
ttgggtttgg	cattgggtct gaatggctgg ccgatcgcca gacctgaacna gtgggtctct 540
actctgncna	anatqgnccg atggaatagg nttgcctctg aatgaancct attgcaagga 600
ttaagggttag	taaggcaaat gtraataaant tggcccaaaa 639

<210> 1309
 <211> 623
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 1309

ctccaagctg	cactctacag	gaacctcgac	ggagtctcgg	gtcatgctgg	ttggcaatgg	60
ctgttcac	ttagcgggtat	aatgacgata	ttctgggggtt	tcattgggtct	acttgtcatt	120
cctgactcac	ccgccattac	aagagctctc	tggtcactg	acgccgaaaa	agagcttgct	180
cgtcttcgca	tgaacgactg	tggtgcaaaa	cgtctggcat	catccctctt	aaaactctcg	240
ttcacaaact	caaactttctc	gtcatgagtc	cattgcgat	ttggttctcg	cggcatactct	300
tcaatttgca	tggaagtcagc	gcgcgaactc	ttacttcttg	ctcttctctca	aaggactaaa	360
caatgcggat	ggaacaccac	gttattcaag	tatacacagt	aacctgatcc	actcggcgga	420
tttgctatca	agtatagctc	gcaatattgg	cctcaacgcc	ctcancgatt	ggaaagcgtg	480
gggttgccag	gtaagtgcgg	cnccgcacat	tcaacttctc	gcaacatggg	tctttcagnt	540
ggnetgatta	tgaggaaaat	catgggcttt	acttctact	ttgntactgg	anttggggan	600
atgcatactt	gntggggggg	cna				623

<210> 1310

<211> 512

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(512)

<223> n = A,T,C or G

<400> 1310

ctacaactcc	agcaccgtta	atgacgtgca	aaatgtaatc	acacaatggg	ctganactct	60
gccggtgata	aatgacgang	aagcggcgcc	ctatgcctat	gcatacttgg	ctgagctgat	120
tgaaaagcaa	caccagctg	ttgttaacca	ggctggcaag	gttttcgttt	tcattgcccc	180
agcccttgag	gcggagacac	ttgtaggcca	gactgccaac	cgcgtagtcc	aagttaccaa	240
aggactcctg	cagtcgactt	cagttgatcc	ttcgccgctg	ctacaacagt	tctctcccca	300
ggcgcaacaa	acaatcatgg	gattcttcaa	ctagacgtgg	acctcatcag	tggttggttat	360
cgcgaantgc	cgcgtggctg	ggattcaatg	aacgtcnatg	gtagttattc	ccataaagtc	420
nogaagcatg	aatctaaaaa	attangtcng	attgataagc	tncaatttt	acgaaggaaa	480
natgaatttg	ttcngatga	taccaaatga	tc			512

<210> 1311

<211> 625

<212> DNA

<213> Fusarium venenatum

<400> 1311

cttttcttca	atcaacctac	acttcatcga	catactcagg	ttcttaacct	taacgcatat	60
tctacgaactc	aatacataca	ttcagcaaca	tggtctctcc	gcacaaacccc	aatcttctctc	120
ttcagggaaga	gaatttatggc	ttctggccaa	accttttctg	ttgggttaatt	tctcggacac	180
ctcaccctca	ttctcgcaac	gattcgatat	ggcttttctc	ggctggagaat	gaactactat	240
acctcgcatgg	ccaggttctc	ttacccgaaca	gcctttgtcg	ccgcgcgcgt	cacctatggc	300
atcgctcgtct	acaagacaaat	gcgcgcctcgt	gctaaagagcg	ggcagcgtgc	tgctcccact	360
cccttggtcta	tgcttgccga	tgagaacatt	caatacctcg	ccatgtctct	tggttggtctc	420
ttctgcccgc	aatactctct	cgctttgac	ccttatacca	tttactcggg	cttccacgtt	480
gcacactaca	ctcgggcaca	cttgatctcc	gctgttctag	cccccgaagc	tgctcccgaa	540
gctggagggt	gctactccca	gcccgtcgaa	acaagcgtcg	aacacctctc	tgctaaccac	600
aatgggcgct	tttgttaaag	gagta				625

<210> 1312

<211> 165
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 1312
 nggtatcccc ctcggaagc tggacctnga cgtcgaaaga cttgcatnch catcaacttt 60
 cgagatcgac gagcttgccn agcnaagcna gaagttggag cancgtgttt ccgtccttaa 120
 cgagagttac cnagactttg aagaagcncg agggcgacct gaccg 165

<210> 1313
 <211> 503
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(503)
 <223> n = A,T,C or G

<400> 1313
 ctccgatgcc tccgtcttcg cggagtacac cgnccccaag atgtacctga agctgcagta 60
 ctgtgtctct tgcgccattc acggnaaagat tgtccggtat gttgtcctcc tatccaggag 120
 tgtgacgact gcnccatggg tgcgtatgtg cttttanatg aaccttggtg gtaccatgtn 180
 aaacatatto cagcctgccc cagcgcagtt gcatactcct ggtacgtatt taacgattta 240
 tgacaactga catgaatata atagtgtccg atccgtttgc ggccgacnca accgtgcccc 300
 tctctctcgc gtccgtttaca acaaggacgg naagaagatc gttcccacta cccctaagggt 360
 ttgatgggtg tgatacttgg gatggagtcg ggttatgata gcagcattca aaaaatggnt 420
 gggatgaata cctnngggat tatgaaacta anaaattcca aaaatcaact ggacgacggt 480
 tgatgtctac nctntttga caa 503

<210> 1314
 <211> 644
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 1314
 tgacaatctc agtaacagac tgagctcact cactctcggt cctcccaacc ttcctttctc 60
 cgatcctgtc agcggttttg agtcgnacaa atggctcctc gtctanaatt cagtatcgag 120
 caaattcgaa ataaggctcg canggacctg ctgtatcttc ttgaagggtg tcgcggaan 180
 gaaatgttta tctctgatca gagtcttctc aatccaatcg qgactatagt caagggttga 240
 actcttcagg aatatggagt ggat aagllc ttntttttgg agaattgaaa cgcagatara 300
 agccagcgca atgtcgtctt catctctnng ggagagtgcg gtcgccatgc cgaaactata 360
 ggagcccaga tcaaaagcat ccagcgcgaa agccaaacag ggcacgaact tcacatnttt 420
 tgggtcccaac gccgaaccct cgtatccgat aagctgctng aanatgcggg cgtattgggc 480
 qacgtcaata ttcccgaaact cccacttttc ttnttttctt taaaaaaaga tgtactnttc 540
 cttgagctc qacggctnqt ttcgagacat atnttttga aggaagttac aaaaaacttc 600
 ttatggngna aagccctntt ggaagtacaa caaaaacccc ngtt 644

<210> 1315
 <211> 856

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 1315

cccagcccca	ggtccagaat	ggagttaagc	ctgaaggcag	ttatgtcaag	actgagtctc	60
ccgtacccat	caagcaagag	cctgggtttac	agggtaaccc	gatggcgtat	caacagtacg	120
ccaaccccaa	cataaacatg	aacgacaaga	acaacgtggc	tgccgcccgc	gctgcccac	180
aattgcaggc	tcaatatggc	cagegtgctg	caggctcgat	caacgctttg	catcagcaac	240
aacaaccaca	cccccaacag	ggccagcagc	agcagcagca	gcagcaacaa	cagacacatc	300
atcaacagca	acagcctggc	caacagtcga	acctgaccca	gcaacaacaa	catcaacagc	360
agatgtatcg	tcagcagatg	gcctctgcaa	ctgcccacca	acaacaacag	cacccctcca	420
atugtcaacc	ccacatccag	aatggccaga	ccgacgggtg	tgccgacgtg	gacgactacg	480
aggggtgtgt	gatgcagcgg	gctgctttctg	gtgattttctg	cgaacttgga	cgggttgaga	540
tcgaccgcac	gctgcacgaa	cagatccttg	gccaaggcta	anagtttgga	gggtggcggg	600
ctgatgggtc	ccctgaagga	agccacccga	cactcgtcag	cttcaacatc	acgcaaggcc	660
aagggaaaagc	aaccgcgcgc	gtttgacgga	ggtgatgacg	atgaagaaga	cgatgacgac	720
gcttttaact	cggaccttga	tgatcccgag	gatgaccgcg	aatgatgatg	atgtngacga	780
cgaaggactg	ggcacatcnt	gctgtgcatg	tatgacaagg	tncaaccngt	caagaaacaa	840
ntggaagtgc	ccactt					856

<210> 1316

<211> 1669

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1669)

<223> n = A,T,C or G

<400> 1316

acttctccct	ctcgttccag	gtcaatatca	gtcaagattc	ttcattccaa	cacctcacac	60
atccttccc	cagaaactct	aggccagtct	cacttcgtct	cactctcaca	cgagatcgat	120
cgccttcgtt	gtcacatatt	actactccga	tccaatcaat	caaaatcgtc	aagatgaagt	180
cttctctcct	caccgttttc	ggcctgggtg	ctgccgcccgc	tgcccagagc	tccggcgacc	240
tccctcagtg	tggtcaaaact	tgtgccagca	acatgatcag	cgtgccaag	tcccaggagc	300
ttggatgtga	tgttggtgac	gttagctgcc	tttgaccaa	ccaggacttc	atctacggtc	360
tccgtgactg	ctccgctgct	atctgcaacg	acgagcaggc	cgtgctgtt	atcgccatcg	420
gttttgccct	ctgccgccc	gctgggtgtc	agattactac	tggtagtgc	ggctccgttt	480
cggcctctgc	tactggcacc	ggtgccgttc	gaactgtcct	cagcaccctc	gttgagagtg	540
acacaaccat	cacttcggcc	gtctccacca	tcagcggtaa	tgccactggc	ggcaacgaag	600
acgacctctc	cgtcagcacc	tacactagtg	ttttcaccaa	ctctgcgggt	gatgaggtta	660
ccagcaccat	caaggagatc	ctcgggtggtg	ttgccttgac	tacctacacc	tctggtggat	720
ccaccatcat	cgagcctgtc	gagactgctt	ctgcctctga	ctctgctctt	gcctctgctt	780
ctgcctctga	cgggactgag	ttcgttgagg	ttactactct	caccaccgac	ggcaccgagg	840
ttgtccgaac	tctggtcacc	gagactgctt	ctactgaact	tgccgactct	gctgaggtca	900
ccactttcac	cacggatggc	actgaggtcg	tccgaactct	cactaccgtt	accaccggta	960
ctgagtcoga	gtccgagttc	ggatccgtgt	cggagactgt	tactgacgac	tccaccgtca	1020
cngaggggctc	tgacactgct	acgggcactg	atgcgcgggc	cagcgccacc	tctactgaag	1080
ctgacaaacgc	tgccctcgct	cagatgacgc	gtgcccttat	tgccgtcact	gcagctgctg	1140
ctatcgctat	gctcctcctt	taaatgaagg	atggacggga	ctttgatgtt	taattgcttt	1200
acgtttgcaca	tgtttgtttac	ataattcacg	cctgtacctc	gatctttttg	gaccttagca	1260
tatttccctcg	gtgcaaggag	tccgttttgc	gaagaatctt	cacattatgg	agaaatggaa	1320
acgaagtga	tggacatgac	aggtcaggtt	ttttcgaggc	tttaatgacg	gatacggctt	1380
atctctcctt	taatggacac	gacaagaaat	gttagagaac	ggatgggata	tttgatgttg	1440

tttgtgaggc	gagggcgggtg	tatgacatgg	gagacaacga	cgggagacgg	catgctcgtg	1500
ctgctgtcac	acaaggcctg	tgtcgtcttt	gatggttaca	tgggttcttg	gatggtggtg	1560
atacccgcc	tacggcctga	cttcgggggt	ggactttact	tctcacattc	attgagaatt	1620
agtaatagat	aatcttcttc	acacaaaaaa	aaaanaaaaa	aanaaaaaaa		1669

<210> 1317
 <211> 584
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(584)
 <223> n = A,T,C or G

<400> 1317	
cagcataaca	60
acatctcaga	120
ggctctgttc	180
cagatctata	240
aatcactttc	300
cgttcaaggc	360
gaccgttggc	420
ggaagtcatt	480
gagcactcgc	540
gtctggaagg	584

<210> 1318
 <211> 551
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(551)
 <223> n = A,T,C or G

<400> 1318	
agccattgag	60
atttggttcc	120
tgacggagcg	180
gttcatntcn	240
acttttgggc	300
gggcattggn	360
ggtttttgtc	420
canatgccca	480
ttttgncttn	540
ccgtggaaat	551

<210> 1319
 <211> 342
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 1319

cgagcttggg	actcctcttg	gcataccat	cgatttccag	acagtccaag	acggctcggg	60
caccctgcga	gaccgtgaca	gcaccaacca	ggteccagct	gagcagggga	agatcatcga	120
cgctatcaag	tcacttgtgg	atggtagcaa	gacctggggc	cagattgaga	gcgagctccc	180
caagtttgag	ggtcaggagg	tcnaggttgt	tgcacgataa	agcangaaaa	gggataaaac	240
tagcatatac	gaaaggaaaa	tgtaatttat	tagatgtcat	cttggcatgg	tcattgtgtca	300
aaacaatgaa	cgtntaggca	ggagtttaga	tttgtcctga	tc		342

<210> 1320
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

agaatgattc	gaactacgaa	gactggcgat	attgtagctg	gttacactcc	ttcaggtctt	60
ggccgtcccc	tcacctatgg	aacacatcaa	acccatatca	tttgtccgga	agacatgttg	120
tttaggggtg	ctgacaacct	tcccttgccc	gacgcagcga	gtttaacgac	cgtagctatg	180
accgcagctg	acgctgttta	caaccgtctc	gggtttccgt	tgccctcgcg	aaagggtcac	240
tttgaaccca	acaagccatt	tctgctatgg	ggagcaacga	gttcggttgg	atactgcgca	300
cttcaacttt	ccatcgcaag	tggtgtgtct	cctattttcg	tcacggcaaa	gcccgaacat	360
ttcgaacatc	ttcgatctct	tggtatagcc	cattttattcg	actacaggga	tccagatgtt	420
cacaaatcca	tcgccaaagc	tttgcaagac	ctagggtctg	agagattcga	atatgcattc	480
gatgcagcgg	gggctcctga	ttccgggggt	cnggtactcc	ganctgtctc	agacgttaca	540
cggattgttt	ctactgtatt	gcgtgacaan	aaaaccctc			579

<210> 1321
 <211> 366
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

gotcaagttc	gaggtegcgt	ncccgaaagat	cttgggggagc	aacagcaacg	gcgaagagaa	60
cttttggcgg	tgtatcgatg	gacaaaggac	gggactggct	tggcactatg	agcagggctc	120
tatatgtcatg	gctaggaaat	gaatggaaac	gtaaaaagga	aaggagaaaa	gggacaacat	180
nottgggggc	tcttgggagg	gacattcnct	ttttttggac	ggaataacgg	collaatgga	240
ctcgagattg	anctcgagta	tgggagcgac	aagggtgctt	ttagatacca	tgaagcgaac	300
agcgatgtca	nttatcgaaa	agccaagtct	tttggcgtat	gaaaatttca	actctattta	360
atcttt						366

<210> 1322
 <211> 466
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

tataacacct	attatcacta	cttatcattc	cgtcatatc	tataactttt	gtaactcttc	60
------------	------------	------------	-----------	------------	------------	----

tatacgtata	gaagttatng	ctttttacaa	tctgccaan	aatatgaaa	gctttccgat	120
tcgccaatgc	cgncganggg	ctcaaactat	gcgacttgcc	agtacctgag	cccagtgaag	180
ggttcgcgct	tatccaaacc	aaagcagctg	gtctctgtca	ttcagacaca	catgtcttac	240
acggcggcgg	aaaagcttgg	atgtgcaacc	tgcccatcac	tttggggcat	gaaatgtcag	300
gggttattgc	caagttgggt	nataaatcct	ccccctttca	aatcaatgat	cntgtggcaa	360
tggcctgtgt	cgggcacccc	attgaagaac	gaaacttctc	ggaatgcctt	ggtgttggag	420
tccacggaag	atatgccgan	tacccgttgc	gccgttcaaa	tacctg		466

<210> 1323

<211> 654

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(654)

<223> n = A,T,C or G

<400> 1323

agcttattgc	agcctcagac	aaatctgatg	ccgacaaaga	tttcattggt	cgcgcccttg	60
aaagatcaag	agagcagttc	ctatctcgct	acgaacagcc	cggctacgac	gaggagaccg	120
gtgaagggtc	tcgcggttgg	tactcatacg	ttttcaagaa	ctctcatatg	gccttcgata	180
gcgagcaatt	ctctgtcttc	agagccttgt	ggaaatggag	agataacaca	gccaggaagg	240
aggacgagag	caccaacttc	gttctcagta	ccagggacat	tgcggaaatt	tctcgcatca	300
accacccgga	cgcaaaaagc	ctccacagct	tgtctgcctc	taatgcacgc	ctagccaggc	360
cgcgcttcaa	cgagatctgg	gggtacatca	aggagtccaa	ggccaagggg	ggccgaagtt	420
tgtctcactt	ttttacttcg	atggcccaga	cagtcttatg	angaatggcg	tcctattggg	480
ggcaggaaga	caacaaaagn	taccagacct	tgatggagan	gncacaagca	gtaggnttga	540
ctcgatcgca	gttattttttg	gagatatgnc	cgattaagta	cctcaagngg	gatgttttga	600
ccccgacgtt	ccnaaacttg	aggaggggact	tattttccgtt	nccctggnaa	naag	654

<210> 1324

<211> 488

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(488)

<223> n = A,T,C or G

<400> 1324

taqcaaqcca	cgttttcttta	caaaaactcgc	gtaatagcta	ccgtaggctc	aagatgccta	60
tctgcatoga	atgcaggcac	cccgtgaaga	cgctatggac	agcatattct	ggcgcagggg	120
acaaagcaag	tggacataat	attcgactta	ctgtctgtcg	caactgtggc	tgtttctgcg	180
acaagtatgt	cgagcatgac	tttgtcgttt	tattcatcga	cctggttctt	ataaagcctc	240
aggtgtatcg	acatttacta	tataacacgc	tcattgcgca	cgatgatcga	ctagatcatt	300
ctatcatocg	tctangtata	ctgctacttc	tctttgatgt	gtacttaaca	tgggcacggc	360
tgganaaaca	gacagtgcct	gacgctcttc	caggaacgan	caatctaggc	aaattggcac	420
aaacacccat	tgtccttcaa	tatctttctc	ctaatttttt	acccctctc	aaccqcanca	480
ttccatgt						488

<210> 1325

<211> 455

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(455)

<223> n = A,T,C or G

<400> 1325

cccttcagta	gagatactcg	agatgatgac	attatcgagc	cgattttctcg	tacctattcc	60
aactccatca	naacacttcg	ccgtcgacgc	agtgcgggtc	ttaacctgtc	ccaagttcgt	120
tcggnanaac	gtgtcgctac	cgttgcttcc	tcgctgtttg	ttatcggcaa	tactgctcaa	180
ggccctaagg	agcgtccggt	ggcgagagct	ccgacacttg	ctgtagggga	tttcccgaac	240
ttgtcgcgtg	aggtgacaat	tgggcgcaat	tccatattcc	acaacttgct	atcggaggac	300
cgagatgagc	ttggcggtat	tgagtacaaa	agtttaaagt	tactcctcaa	gatcatcggc	360
ggatactatg	ctttcctcca	attcctgggt	gctgtctgcc	tgataggatg	ggtaaccac	420
nctcccagca	agtatgttga	ctacatcgct	gaatg			455

<210> 1326

<211> 578

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 1326

cgccctcttca	aaccgctcac	aactcactca	actaaacgac	tcttcagtag	atctcggttc	60
acaatgggag	ataatatcaa	gcgcaatcct	cacccggatt	tcaagggcgt	cgaggcttct	120
cgccccgagt	ttgacaacac	ctctgagttt	cactacacca	agactgttga	tgcgttctgg	180
gctttcgggtg	cgggtgcgaa	caagcttgga	aaggatgatg	ccgataagaa	gcacgtcact	240
ataaatcctc	atgaggaggg	tcgtcctgcg	ggcttcaact	acaaattcct	catctccgcc	300
atagttcccc	gtcctatcgc	ctttgtgagc	agtcaagcac	ccgacggcac	tcacaagaac	360
ttggcgccct	ttagctactt	caacatgatg	aaccacgac	ctcccattgt	tgctgttggc	420
ttctcatcca	gtctcgctgc	tgccaangac	tctctacgca	acgtcgctga	ttcggggcgan	480
tggtgcatca	acatcatctc	cgagcacttt	atcgaagccg	caaactcatg	cagtggtgaat	540
gccccacggg	cgtctccgaa	tggganattt	caggcctc			578

<210> 1327

<211> 590

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 1327

ccagcccata	ctcaactgaa	gtatcgtcag	gctgggtcaag	gtgggtgatgc	cgacgaacat	60
cctactcgcg	acctcgctgc	cgagcttctc	gccgctgaaa	gccgcccatt	tcaccaagaa	120
agaacggcgc	ccctgctatg	atcgacgatg	ccgacgagga	cgacgangee	agcgtttctg	180
gtggtnccaa	acgagcgctt	ccaaccacag	atggagaagg	agaagacctt	gaagcgaaaa	240
gagcgcggtg	nttagcgagag	acaagagata	ttaatccqa	tqacqacagt	gaagaggacg	300
aggaggacag	cgacgacgac	gacgatagcg	atgatgatto	tgatgcggaq	ctacagagag	360
aacttgatcg	cgtgcgaaaa	gagcgagagg	agagaaaqaa	gaaagangaa	gccgagcgctc	420
tccngagaaga	acaagatgct	cgagaacgaa	acnttgccct	cggaaatcct	ctcctnaacc	480
agccagatgt	ccacctgaag	cggcggttggg	acgaenattt	gtcttccaga	ancaagctcg	540
tqccnccgaa	gaaaagggcc	ngaagaagga	ttcgttaacg	atctcctccg		590

<210> 1328

<211> 465

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 1328

tgttgaggct	gaagaccctg	cccttcagcc	cgacgacaac	tttttggttc	actacgccgt	60
ctatcaccac	ttcagatcgc	ttggttgggt	tcctcgtggc	ggtatnaagt	ttggtgttga	120
ctggatgttg	tacactcgag	gacctgtttt	tgatcatgcc	gagtttggat	tgattgtcat	180
tcgcctact	ctgatgcctt	ttggaaggaa	agcggaaaagc	agaagccgna	aaagacctgg	240
caatggcttn	atgggactgt	gcgcgtcctt	tcacacgtca	ccaaaagtct	tgtgctngtt	300
tatngtggat	gtgccacctn	catccaaatc	gaacaggctt	ttgagcaagg	tgtnggncga	360
ggccctgagc	tatncaaagg	naaagaaatg	atggtcaanc	atggcaagca	atcncacaga	420
gatgatgagn	ttacgcttat	ganaaacntt	gaatggatng	aaatt		465

<210> 1329

<211> 573

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(573)

<223> n = A,T,C or G

<400> 1329

gatctactgt	ataaacaggc	attgcgactc	atactaateg	cgggccttct	catcacagtc	60
aaagatgcat	atcctcggtta	ccaatgatga	tggtccgccca	tcaccacatt	cgtctccata	120
cgttcactgt	ctcattcagc	agctacaaca	ggccggccac	actgtttctg	tatgtcttcc	180
tcacacgcag	aagtcattgga	ttggaaaaggc	acacatgatt	ggtcaaaacc	tcaagcctgt	240
gtactaccgc	ccttcacccg	tcgtccatgg	tgatgattct	caaggtaacca	ctcaccatcg	300
accatctcct	gaaggagatg	ttgaagaatg	gatcttgggt	gacgggacac	cgcctcttgc	360
gttcagattg	gtcttcacca	cttcttccaa	gatcgaagaa	ctattgatct	tgtcgttagt	420
ggctccacta	tggcagaaac	accactgctg	tctttgctct	tattcangaa	ctctaagtgc	480
cncctctggaa	gcgctgtttg	tcaaanaaat	tcaattgcct	tgaactttgg	cttttctctn	540
ccaggnaaac	acaaaaccgg	tcatcattca	aag			573

<210> 1330

<211> 328

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 1330

nggggttngg	gggttncca	atccattgag	gntggagcc	tgggatccaa	nccttattat	60
ntgtttacca	accgaaacct	taanttcag	ggaggacctt	gaccagcccg	tccttlaattg	120
catgggttaag	gaccttgtca	ctgntcctga	gaccgtcact	ntcttgaagc	caacaagatc	180
ttttcaagtc	caaaaagggc	aagctcccta	tcgtcgacaa	ggactccaaa	ctcgtctctt	240
atgatctctt	cgtttccgac	ttggaccaag	aaccancatt	ttccctaath	gctttccaag	300
ctttccgaca	qnaaagcaa	ntcctctg				328

<210> 1331

<211> 586

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 1331

gctcaattga	acgctgcccc	attcgcccaa	catgttcgtc	gcacgacaaa	gggcagcctt	60
cgtggctcga	cagctgcagc	gaacagcacg	aacctacgcc	tccgacgccc	acgctcacca	120
caaggccgcc	gaagttaacg	agtcgttcag	caccggatct	ctcctcgctg	tcagcggttt	180
cttcggctcc	gttctcattt	accagtttgt	tcccgcgcng	ggcgagcaat	cttcaatcct	240
caacttcac	aacaagtaca	cttcgcgcag	caaggactgg	gaggaaatca	acgctcttca	300
caccaaggcc	atggagcagg	ctggatacna	ccgaaacctt	ttcgagaacg	gnngcaacaa	360
gcaccgattc	gtcgatgttg	catacccccg	ggcaatctct	tcgtatgcta	accgaaacca	420
cattgntggt	catcttgcca	acatggacta	cgttgntgag	cactaccgac	aacagcacct	480
naggaggag	gagcgaaaag	cgggcaagtt	ggacacaaaag	caqqaataag	ggatgtncac	540
tagacgtgaa	ttgatacttg	aatttcattt	tcattggggc	caaaaa		586

<210> 1332

<211> 736

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 1332

naggaggnga	tggaatnctg	acatggatca	tgagctntgc	ntcctnaacc	ngtgatectna	60
actaccnaat	cnatacnatg	tgtctgtgat	actgtcgtng	caacatgnaa	gcataacaat	120
ttgggcaaac	ttcttgatcg	agancaactt	ntaggaggan	ngtcaacaca	nccnagactn	180
caagctttga	gcttggacga	gatgcccatc	tcatatcgcc	ccaacataca	agtacgatgt	240
ggggactggt	cattatgaca	ccacgtgata	agagacgaag	ccaccgcttg	gtgtgatcga	300
ctgcttcaca	gaggtcgcg	tcgaatataa	cagtttgact	acagacgtca	cgaggttcga	360
agtgaagcga	ccaccgacct	gtgacaggaa	cctttaatct	ttgggtcaat	aagggtcaacc	420
ccaggggtag	agcaacggcn	tggatggaaa	gtcagcaaag	ctttgaggat	atgcgtgaca	480
aggaacacct	tgaggataag	ctctgcttcc	tgagagatat	ttgcggattt	gacgaagcaa	540
cgagcaaaaag	gctcatnaaa	gaaagatctg	nanggcgtga	aaaccgcacc	ccgtgcgcac	600
ttgaagtga	tgccatatca	taccatatca	tatannagac	ggcttggnnt	aatcgtaaaa	660
acgaggaaca	tganagccct	natngattgg	ataangttaa	tcggantttt	aagggattgg	720
ggccgtttga	agatac					736

<210> 1333

<211> 589

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 1333

gactgaact	togantcttg	atttttctan	ctcttctctga	tctttattga	accatttcaag	60
ccctcagcgc	tgcctagccc	ctgatatnga	ctgtctcttg	ctattgacct	gcataattca	120
aacaagactc	atatccaaca	cacccaataa	tctttttttc	atgtcagcaa	tcattgcttta	180
caataccaca	gctattcccc	ctcgtaagga	gcctacagga	caaaaccaac	ttccgtcttc	240
aagagtcaag	aagattatcg	cacaagatcc	cgagatcagc	ctctgctcca	acaatgcagc	300
tttcgtgac	acactcctg	ctgagatggt	tgtccagcat	ctagcagagg	aatcacacac	360

ccaagccaag	ctagaccgca	agccccgtcg	aaacatccaa	tacaaggatg	tcgcctccgc	420
cgtcgcacat	cacgacaacc	tcgagtttct	cgaagacgtt	gtgccaaaga	cggtgcccta	480
caagcatatc	aaagccgctg	ccaaggcaac	acaagcacgt	cttcaagggg	agaatggtag	540
caaccagacc	atcaactttc	ccgtgggcga	aangcaccna	gaagctcac		589

<210> 1334
 <211> 952
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(952)
 <223> n = A,T,C or G

<400> 1334						
glgatagtgc	tgcctggggt	ctgacccan	ataacgcttc	gctcataatc	caacctgtct	60
cagtgaatac	aatggcagat	ctcggtcttc	ctttccactc	catctccggg	cttcccaact	120
tccgggacct	cgcaggccgc	ccacttccta	ttaagtccag	ccccgaccac	acgatcaagt	180
ctgggtctct	cttccgctca	gcagagccgt	ctcgtctcac	cgaagacgga	atcgcagcgc	240
tgcagaatct	gaacatctct	cacgtttacg	atctgcgctc	ccgtactgag	attgagcgct	300
acgccacggg	aactcgtgag	tggccaggcg	cgaaacgtgt	ttttgttccc	gtcttcttgg	360
atgaagacta	tggcccagag	gctattgctg	tacggttcaa	gaactacacg	gctgagggaa	420
gcgaaggctt	tgtggaggct	tatcgaggaa	tctgggaaac	gggaacgaaa	cctatcagaa	480
ctatcatctc	acacctggcc	aggccagacc	cttcaccttt	actcatccac	tgcacggcag	540
gcaaggacag	aactggagtc	atttgtgcat	ttatctgtgc	aatctgtggc	gtagatgata	600
agaccatcgc	ccgcgagtag	gccctcacag	agggtgggact	tgggtgatttc	ggagacgagc	660
tttcaaagca	gtgatgaaga	tccctgaact	ccaagagaaac	cccgaagggtg	ccaaacgaat	720
gcttggagct	aagcctggaa	acatgctggc	agcccttgaa	acattaaaaa	aacagcntgg	780
ctctgtgagc	aataccttgt	caaagtactg	nggctgtcaa	aaaacnatct	cgaccagggt	840
cggaaaactt	tgntcgtccc	catagcaacc	aatagcctca	gccnttaagt	ntncccatgg	900
atgcaaaaga	tcaanogtcc	ataatcaatn	tcaagatcnc	nttttaacca	nt	952

<210> 1335
 <211> 427
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 1335						
atgaaacatg	cgatccgact	acacaaactcc	ggtctttctca	cacctagcga	tcccagcagt	60
gctgagatac	tgcaaaaagt	tgaacacaaa	tcaggactgg	aaaacatcgc	anaaaccttc	120
aagattaagc	gtgtcggtaa	tgcgcaccaa	gcaggatctg	actcattact	tactgggaag	180
gtctttttct	ctatgcgcga	caagatcttt	gocggtgaca	tccctgatga	gcacgttggt	240
aaagtgttgg	gtctcggatt	ccccgactcg	acctcttaaca	ttatgtcgat	gacgaaccag	300
caatgcacaa	atgatggcag	acaaatggca	aggaacccac	cacacccaac	actacgagtg	360
tgggcttggt	actacccctg	gaactcangg	cacaatggca	tcttcaacac	angaclatga	420
ccctgga						427

<210> 1336
 <211> 573
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(573)

<223> n = A,T,C or G

<400> 1336

ntttctcatct	aaatnagtc	acatgaagct	gtccgctgtc	accctttctca	ctcttgccac	60
cggcatcatt	gccgctcctg	tcgctgaggg	cagcaaggag	gtccggttctt	acggcagcta	120
cgagccccc	aagtccactt	acgagcagcc	caagactccc	aaggaggaca	agcccaagaa	180
gcctgagtag	aaccagccca	aggtcccca	gcctcaccac	gagaagccca	agaagcctca	240
ccacgacaag	cctaagcact	acgtctctcc	tcaccacgag	aagcccaagg	ttcctaagcc	300
tcaccacgag	aagcctaaga	agcctgctta	tgagcagccc	aaggccccc	agcctcacca	360
tgagaagccc	aagaagcctg	agactcccaa	gaagcccgag	tacaaccagc	ccaaggctcc	420
ttaagcccca	ccacgagaag	cctaagaagg	ccggaaactt	ccaaaaagcc	cgagactcct	480
aagaagcctt	tnttacgaga	agcctaangn	ttccaaagcc	ttnatcatga	gnaagcccaa	540
gaagcctgag	accccaagaa	gcctttctta	cga			573

<210> 1337

<211> 574

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 1337

atcattcccc	gctacgataa	cggcaaacat	tcagaagggg	acgaggttta	cttaaattctc	60
tcattctgca	ccctccctaa	gtcattctct	ctcttcttta	ttcaccaacc	ctaaaagata	120
ccccagatcc	caacgtctac	tacccctcac	tcaaaatgtc	caacggtaca	aacggcacca	180
acggcgccctc	gcgcgaatca	aagttcgacc	ccaactttac	agaccatgtc	attggcctta	240
tgagccccga	gaccgagcct	agacagcgcg	agatcctcac	ttccctcatc	cgtcacatgc	300
acgacttctg	cagagaagtt	gagctcaagc	aagacgagtg	gatcattggg	gtcaactaca	360
tcaactctct	tggtcaggcc	tacaagaaga	accgcaacga	gacatggcgt	gtctgcgaca	420
ttctcggtat	tgaatcgctt	gtcgatgaga	tcaaccacaa	ggtcgtcacc	gacgggtggga	480
aaggtcccac	atcctccagc	atcctcggtc	ccttctggtc	tcccagagacc	ccttccgcga	540
actcngtgge	agtgttggtc	aggacatgcc	caag			574

<210> 1338

<211> 625

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 1338

tcttcgcaag	tttcgcgcgc	gtgaaagatg	tcacagaatgt	ggtgctaggg	gatgggtatct	60
ggaaaatggg	ctgcgtttct	gtcccaacgg	acatcaagtc	gaggaatttg	ttcaattbga	120
tataggtgac	gaggttagatg	ctggaaatct	cggaagagta	gcagaaaagg	aaaagggaagt	180
aaaagaaaaa	gaacttcgac	atctcattgg	ccaagcagga	aggaattctct	ttctcgaatg	240
cttgacagctg	gtttttgagaa	accaactttt	atggctcata	acaagcaaaag	gtcatcggga	300
agaacttgag	actgtgggtcc	gcgacctttg	ggatcttcgc	acccgcggcg	gtgggtgcgct	360
tcgcgtggga	gaagagagcc	aagaagcaga	acaggatgaa	ggtctcgcct	tgttcagctc	420
tcagcctaca	gctgatgcga	agatcaaaag	caacgcgcgc	aagaaaacac	acacngagcc	480
ccagagctgg	aatccagagg	agaatccgga	ctggccaatg	cctaggatga	ttgacacact	540
ggctttgtgc	taccttggtg	gcttgctgct	cagaatacct	acagncatcg	gtgaactgng	600
tctttggggc	aatgctggac	gaatc				625

<210> 1339
 <211> 883
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(883)
 <223> n = A,T,C or G

<400> 1339
 caagctcttt gttttgtttt gttttgtaat acaatcaaact acaaatttcc tatacatgca 60
 gacttgattc ttctccctgg cactcggtag ttgaacatgc aacgtttcgg tgctcgtcggc 120
 caatgccgat tcgctgcacg tcggttgacg ctgcctcggg atgtcgcgcc ggtaacagcg 180
 aaggccctga gggcttccatg tctgtcgcaa aggacatttc atacctctcg taccgctcta 240
 tggaaacctt agggatcatt gggcgtaaac ccgaacaact tcgaagagcc caccgatctg 300
 ggaagcaaga tttctccga attcgtttt qcatttgagt acgtcaatgg accttcata 360
 atagttcctt caccaatatt gatggcgtct tgtatcaggg ccgtaacagg gtggacggag 420
 ctgataaggt tatcaaaatg ctccagaagca atgggtattg atatgtattc ttaacaaacg 480
 gtggctgcgt tcccagagagc aagaaagaag aaagtttgca ggagcgactt cagattccta 540
 agcatgaaga cgcataaaag ggaagaatga ttctttcgca cagcccaatg aatggttgga 600
 gtgaggatat aaagaaagat ggcacgattc tgatcacagg ttctcatcct ganaaaagccc 660
 ggcagattgc tcttgattat ggctttaagc gcgtcgtccc ccancaaana ttnttgctga 720
 gtgngngat gtgttccct ttgagcgcgt cgagggngaa aaaaatggca aacctgtgcc 780
 tttctgatg gcaaagcgaa tctttgctt aaaagatcct attncacgaa catncccgca 840
 aatgcctaa aatgaccat ntttttatct ggaaccaccc aaa 883

<210> 1340
 <211> 578
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 1340
 cctcgaccaa gtccgtctcg tctgcgagct cgttggcacc ccaacagacg ataattggcc 60
 tgggtgtcact aagctttctg gttatgctgt ccccgccaa caccctgtgc gtggtaagga 120
 ctggtagcag atgcgcttcg gcacggctcg ctctgacggg gtggacttgc tcatgaagac 180
 actcactcctt gaccccaaga agcgtatcac cgcgcggggt atgctcgagc acccctgggtg 240
 gcaactccag ccaaagccca cgcgcaagca agaccttnc cgaagggcg ggacaggagc 300
 tgatgacaag atgggtgctg atctcaagcg acgtccaggg cgtgattgat gatgatagag 360
 ggtccaaggt tgctcgcaag cttgactttg gcggtatgaa ctagatacag gtagatttga 420
 catggatata atgggcgcaa gancatatgg catgaacttt tgggggattc ttttggcggt 480
 tggggttgcc aagtagatgg agagcaatat gtcacatcta gtnaaacaag tcagggtacca 540
 tgatgcaaaa tgagaaattt attagacact tcaaaaaa 578

<210> 1341
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 1341

attgggtcaga	cccatctatt	aatcggtttcc	ttacagggtc	attctttttct	cgtaaaactc	60
tcccttcaca	tcctatccac	catgcgtcct	ttcgccctct	cgacagccgt	ctttgtgacc	120
gggaccgtcg	ctcagaatgc	ctggaaaact	tgctacgatg	gactgttcat	gatcgctgca	180
cgaggcacga	acgaggataa	aggatctggt	agaattggag	acattgccga	agctgtcgcc	240
aagcgtatca	atggtttctca	cgtctacgga	ctcgactatc	ccgcgacatt	tcaagaaccg	300
gactacgagg	aatccgaggg	tgatggcgta	aagaagctga	aggacattct	cggcagctat	360
ttctaccaat	gtccaaacaa	caaggtcgct	gtctttggct	actcccaggg	cggccaagtt	420
gccagtgatg	tctttctgcg	cgggaagtgg	ggggattttc	caaccaacga	acccgttaca	480
gttaaagatg	tcgaaaagaa	cgtcattgct	gtcatcacat	ttggtgaccc	aagccacgtg	540
gcaaacgtct	cgtacgaent	aggaagcaca	ttaacgacgg	tgttttccag	c	591

<210> 1342

<211> 629

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(629)

<223> n = A,T,C or G

<400> 1342

gcaaggacca	aagccgngct	ccttctactt	ataatgatcg	nggcaacaac	aacatgggcg	60
gcaacttttg	tggttctgga	ggcggctttc	gaggaggtag	ggcggttac	aaccngggtg	120
gcatgaacca	gggtggctac	aaccgtaact	tcaacaacaa	catgggtgga	ttcaacaaca	180
acatgggagg	cggatacaac	ggatctatgg	gaggtggtgg	taactttggc	ttcaacaacc	240
gogggcgaat	gatggggggg	ggcatgcgag	gggttcctgg	tggtatgcga	ggtgggtcgag	300
gagggcgcat	gatnaacatg	aacccgatgg	gtgggatgcc	tatgggtatg	ccgggcaaca	360
tgggtatggc	atgatggctc	ccaatggtat	gcccggnttt	caaggatatc	tcacagcttc	420
aaccggggct	ttggnttcaa	ccaaaaccag	ggtggcggtg	gcnattgggg	gaacccccat	480
ggagccaaaa	nacctagggg	tgaataccca	ctntttgaca	ntgncataaa	accccaatcg	540
gtgggaatna	natgctgcc	accacaactt	gaaaattttc	tgcaacaaaa	aacttgcgng	600
ggaaactttt	nttttccccg	anggttggg				629

<210> 1343

<211> 616

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 1343

cgtaaacgag	gcccctctgc	gattgatgat	ccccctggt	ctcctgaccc	aaggctccga	60
tgagganaag	gccaaggctg	ctgccccaaa	agccccata	caggccaaga	tcaccagcct	120
cctggagaag	attgccaaag	cctacgatgt	taacattgtc	gagagcacca	cctngtggct	180
cttcgatcac	aatgagatcg	aaggcagcaa	gaagatcgtn	ctttccccct	cagagggctc	240
caaggggtgag	gggtgttccc	aaattgggtg	ggtttggggt	atttaaggtc	gtgtcaatct	300
gggtctccggc	aaggtcaagt	ccattgacca	gggtgcccac	cttlnaccgnc	gcaccaaaca	360
aaatttatgg	ctgaagcgac	ctacttcgcg	caagatctna	acgaggncca	aaanaagttc	420
ggctcttccc	cttcacttgc	cacaactgga	ggatgaacgg	tnatgcccac	tctggtgttg	480
tcacgtgtgt	cccaagaaat	gttttcccca	atacnaactt	gtttggcgaa	aaangacaa	540
ttttttttgt	gcccgatcct	ttacaacntt	tgttttacca	aaaacggttt	accaagctng	600
ggggggccnc	ccctct					616

<210> 1344

<211> 419

<212> DNA

<213> Fusarium venenatum

<400> 1344

ccacactatt	atccctctac	acctcaetta	acacaatgtc	aatcccaaac	gaagctcttc	60
aaaagtgggt	gcgggagatc	gaaagccagg	ccttggtggc	ccagcagcag	attggcctcg	120
cccgtacaca	aatgacttca	aagcagcgcg	aacagcgcc	tgtgaagctg	actatgaatg	180
agatggctac	tcttccttct	gacgcggtgg	tgtatgaagg	tggtggaaaag	atgttcgtct	240
cactgcctgt	agactctctt	cgacagaagc	tcgaggcca	gacgcaaact	ttggagggag	300
aggtggacaa	gctcagtcag	aggttgctgt	acctggaaac	tacacacaag	aatagccgcg	360
agcatattga	gcagatgctt	cgcgccaaat	aaagctagca	ataaaaagct	tgcaacatg	419

<210> 1345

<211> 588

<212> DNA

<213> Fusarium venenatum

<400> 1345

atcacgcact	tccatccgtc	caaaccctat	cgcccatcct	caacctttcc	ccttcacatc	60
cagattccaa	gacctatcgc	gaccaactcc	aatacatccc	taccgtttgg	acgcctaact	120
actcgactgt	cgcgtcgcat	tgtctctcct	gtcgcgacga	ctatcacctt	ccgactgcgg	180
cccacaaaa	ctccacgctg	acgcaatctg	ttcccttgac	ttcaagcata	agagacgaaa	240
ttaggcgatc	agcttatggt	ctttaaacca	gactccttag	gctattttatt	tttataacct	300
aagagacctg	ttccttttcc	ggcctcaata	tgaagtattt	accagtacaa	gacttcgaag	360
cgggtgacaag	cacgctcaac	ttcaacactc	ccgactgcaa	cgttacgggc	gggtgcgac	420
tttacacaac	gaaagcatca	ggcaccgata	agaaactgta	caaaaacatc	gacaatgacc	480
taaattcgca	acacgaagct	ctcctgaagc	ttggcgctag	cctctcacca	cctgaacgcg	540
ctcacatgct	agccacatca	ccaagcatgc	aaatgttctc	gcattcaa		588

<210> 1346

<211> 805

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 1346

cacaaataac	actttattga	tcgcatatcc	accacgacaa	ctctctagcc	accccccaact	60
gctcaactcat	actttcgata	ctttgggcta	cacacttaca	acccgtcgcc	caccatgggt	120
gagcgcaacc	tctcccagat	cattttctcag	ctcaagcatt	ccccctccat	gagctatact	180
gatgccaaac	ccctctctct	aaaggncaa	ctcgtctctc	tcaagctcaa	cgccctgaag	240
ccctctcctt	cgactcccaac	gcaactgctg	cctctcgccc	gtyagacctc	cgancagggc	300
gccttatttg	ccatccgcgc	tcgcaatccc	gaagccttca	cccgttacgt	tcagcaactc	360
cagcctttct	acgaactgcc	cgctccggtt	ctcccaccca	accttctcga	gcgttacaag	420
gttactgggt	tgagcttggc	ttcttctctt	gacacaggg	cgaatatgcc	gagtttcacc	480
ctgagcttga	aaacttggag	aacgtgaggg	aagtggcggt	gacttcaaaa	cgatcgatac	540
ctgggctatc	ctatccggtt	ggagagatgg	ttgatggaag	gactctacca	acgggtntgg	600
aanggcacga	anacaccaa	tgcttggcga	gaahacacga	tatttctgan	atcttaanaa	660
caaactccgtt	ctgaaatgct	tcacacaggaa	cggcggtntc	ccacttacta	ttactctana	720
aatcctctct	tcctggatcc	aaagnaagtt	nttctcttgc	ccccnccctg	tggtatgttgc	780
caangcaact	tattcccaag	ccctn				805

<210> 1347

<211> 288

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 1347
 ctttggcgat gttgatgcgc ctccgggttcc tgtgacctac cctattccca ctgggtcccag 60
 gaaacagctc accggctacg acgattaaga tctcgaatta aagacaaaaca aggaagattc 120
 accgctcggg atgacagaaa agaggaagcg agcacacant nttgtacaaa ccacggcgctc 180
 acaagagcag cactacagng gggngggagg aatatnatag atgaattcnn gggacaaaaga 240
 gtcgacgtcc aagatctatc agcaattgac gtcaccaattc ggttttct 288

<210> 1348
 <211> 548
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 1348
 gacgcatagc atatcacgcg atgtttatgt catgagccat accacacaac actccatgga 60
 tcaatagact tcaactttaat cacagactgc acgaccttcc acaaaacatc ctccctccaaa 120
 cgatataatg gagaacctat ccataacga tgccctcca cagggccgtg gtgcgcgcga 180
 accgctacct cagctgccgc cgcaaagtgt cagcactgcc gcgcagctcc tggacctcac 240
 agacaagaag ctcatggctg ctttgccgca tgggaagaaaa cttatcggag tactgagaag 300
 ctgggatcaa ttgcgaaatc ttgttctcca atccacgatc gaacgtatct ttgcgccttc 360
 tcccgaactca gcaggtagcg accggccaac tgggtctctac gcagacataa accacggcac 420
 attcctctgc cgaggcgaga acgtactact ccttggtgaa atcgacctcg acagagacga 480
 cgatcccccg cctgggttctg agttggccga cttgnaagtc gtcaaaggag atcgagaggg 540
 agaagaaa 548

<210> 1349
 <211> 667
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = A,T,C or G

<400> 1349
 ggtcatgccg atggctgtgt naatggagac nccaacaagt cccgtcaaga acaaattgat 60
 agtactgcnc cgggcaagcc tcncctaac ntgtggaaca accntgcaaa aatggntctt 120
 tgcctttgcc actgatncgg atgctcagcg agaaaaggca agcccttcta caagctgaag 180
 ttgaaaggag atggtacaga agttgagtca acggcctggc cttggcaaga aacgggcttg 240
 tattttgaen ttgggatctg ctatgtgcca acgttatcat ccacgaagat gacnatgcag 300
 cactacagc cgaattcact gactacnnt atgctactcc ttacacctgc ggttttgatg 360
 ttgggaacca ttttgagaaa gtggggcggg taagactgcy altactcage cgtccctaga 420
 caggaccagc ggtttgcttt cgtgacagag tacatcaagt cctactttgc gttaacaggc 480
 gagagtgtca acgaggaaga agaagtgcgc aaacttatga ttgaagtcga tgccctacga 540
 ggagtgcag gcttctactg nggtatcttg gtcacaaaac cangccgtca tctnaaagat 600
 tgaactnaact atgctcantn tgcetgaactg cgtntgacnn gagtctggnn atacaaggct 660
 naggagg 667

<210> 1350
 <211> 622
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 1350

gttgagcttg	agtttgacaa	gtcctacgac	attccaggga	ctgagggtgc	aactgtcacc	60
atgataccag	ccaaccactg	cccggaagc	tctctntttc	tcttcgagaa	gacaacaaat	120
cagggggcca	atagtcgtgt	tcagcgtata	ttacattgtg	gagattttcg	agcttgtcct	180
gcgcagtga	aaaatcctct	tctcaaacca	aacatcatcg	actccatttc	tgggaaggtc	240
aaacaacaaa	agattgatat	ctgctatttg	gatacgacgt	acctcaatcc	gaagtactcc	300
tttccacctc	agaacgatgt	catcaaagct	tgtgctgacc	tttgtggatc	aatgtctcct	360
gatcccaact	gtaaagacga	tatttgggaa	aaggccagtg	ggcagggcac	tccagcagtt	420
agcaagtctt	tccggaacgc	aaagtctgat	ganaaaagaca	aggtccacac	caanaaaaaag	480
catcctcaac	ggttccttgt	aatttgccgc	nctactcaa	ttggtaaaga	ggcctattgc	540
atcttcateg	ccaaagccct	caaactctaa	atttccaaca	cctggcaaga	acaaaatntg	600
aaacaacttg	gcgacccaaa	at				622

<210> 1351

<211> 620

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 1351

caaaaccgcg	tccttggttg	tttaaagtag	tatttatttg	tgcccgctct	tcccatggc	60
tgcattcttg	accaccatgc	ctcgaatgca	atcttcgctg	ccattctttg	caaagctact	120
ccttttctgt	tgcctcatcg	catcgaccgt	tgccgagtc	atgacgcttt	ccgacgatgt	180
cctacggaat	attccttcgc	caggcgacga	ctttgatatc	aagaatggca	agctgctcgc	240
tcctattttg	atcccacgtg	tcccgcgcac	tgagggacaa	gtgcgcaccc	agaaacactt	300
tgctgacttt	ttcaaggaga	acctccctga	atggaccctc	gagtggcaga	attccacttc	360
aaagactcct	gtccatggaa	acaaacaggt	ccccttctcc	aacctngttt	ttcgaaaaga	420
tcccccattg	gcgcaaaatg	gggatgtcag	ccgactcacg	ctggttgac	actacgacag	480
caagtatgaa	ccaaaaggct	tnattggcgc	aatcgatagc	gctgcaccat	gtgccatggt	540
gatgcagtgt	gcgaaggagt	gtcnaaaatt	ccctcaangg	cgaagtggaa	caaagatgca	600
aaaaggacgg	ggccatggat					620

<210> 1352

<211> 1500

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1500)

<223> n = A,T,C or G

<400> 1352

ggcggtgttt	gacgtaagct	gcataaatg	atgcatgatg	agcccgaaat	caaacaaaact	60
atttttgtct	tcccatctct	tacctttcct	acatgtatag	acatttgtgt	acactgtttt	120
cagtgtgaca	gacaaccctt	acataaacct	cggttcacac	attccactcc	tatatccatt	180
cctctctcaa	qatacatcac	ttgcaatcat	gcacgtgaca	gccacaaagc	aggacaagac	240
taaggctgta	ctaccagacc	tgttcaaggg	ctttgttggt	caaacacccc	glatcaacaa	300
aggctatgag	gcagtcaagg	cagtctctga	acaatggctt	tcagaaaaat	gccagttctc	360

ttctcggatg	aaagaaaaga	gtcgagttct	gcgactttgc	tcttttcatc	tctattgcag	420
cttctgatgc	ccctgggtgat	agactcaaga	ctatgtgcga	ctggggtaac	tgggtatttc	480
cttttgatg	atttgtttga	tgaagggtca	ttggaagaat	gctcaaanag	caggctcaat	540
tcgttatcga	cagtctcatg	gcagatatgc	ttggtaaaac	atttaccaac	aagaagaatt	600
cgtgttgngc	aagcncatga	tgatatnttt	cgaagagttt	ccgagggctc	aacaagtgg	660
cgctcggacg	agatttgctc	tcgcaatgag	agactataca	gatggagtta	ttcatcatgt	720
gaagcatttc	tcttccaaca	gtattccaag	tatcgaagat	atgcttcata	ccaggagact	780
atcatctggc	gttacgcctt	tatatcacct	tgttgaatat	gctcatggta	ttcaattacc	840
tgatgaggtg	tttgagaacc	ctgtcattca	aacgttagaa	cgtcttgggtg	tggactttgt	900
cttattggca	aacgacgtct	tgtcttactg	aaaagaagag	aatgacgatt	ctcccttcag	960
catggttgcc	tcttgccaga	atggctggcc	aatctgcccc	ggaagccttt	gacaccctgtg	1020
gggcgcactt	ctcgaaagag	cgacaccaag	aaatgggcag	acagtcctag	cggaaactacc	1080
aagctgggga	ccagaaattg	acgctcaggt	gacacgatat	gtcgaaggca	tccgaaacnt	1140
gtccaagcta	atgtcacatg	gagcttccaa	tcgggggaagt	actttgggaa	acaagcccaa	1200
agaaatttga	caaacntcgg	ttgggttgac	gtgatgatca	accccccgta	tctgcatcag	1260
cngggagcaa	caqcagcgac	gtcatgcagc	caacaattca	tttgggtcac	tggccaaaga	1320
gtctttcttc	attggttcag	catgtatcct	ggctgttttt	tttgagcctt	gtgatcatct	1380
gllactttgc	cgtgattatt	cggcattgag	tgtatgtaga	tagagtcgat	cgacacgggg	1440
atctgattgt	gatctgattg	ttgattcaga	tagtgagaca	atataagcaa	ttgctttcat	1500

<210> 1353

<211> 977

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(977)

<223> n = A,T,C or G

<400> 1353

caccctcggt	gtcatatcaa	atctgtcact	cgttagacca	gactaccatt	cccacttttcg	60
cttttaaaact	acttttactca	actaattcta	ataccaactc	caaaaaccat	caacatgcgt	120
ttcacatcaa	tcctcgtctg	cggcgctttc	gccaccatgg	ccgctgcccc	gagcaagacc	180
gtctccctcg	accctgctca	gcagtctcag	gccgactgcc	tctccgactg	tgagcctggc	240
gatgtcaagt	gccagttctta	ctgcatcact	gttccctctc	ctgacgagaa	gaacatcgag	300
gaaaccacca	agtgtgttgc	cgcttgcccc	aagggaaggg	gctccgaggc	cgacactgag	360
aagtacaccg	tttgcatgaa	cgagtgtatc	gccgacaact	actggaagtc	cgttgatggt	420
accccccggt	gcaccagcgt	ccccgatgtc	aagagcaagg	cctccgaggc	tgcctcctcc	480
gctgctgana	agggccaccg	caccgggtact	gctgctgagt	ctgatgctac	cgccactggt	540
gcctccgcta	ctgagtcoga	gtccggctcc	gactccagct	ccgaagagac	cggtctctgc	600
tctggcactg	ccactgggtac	cgctgctgag	gtctccgaga	ctggtaacgc	cgctctctcc	660
ctcggtgggtg	gtgtctcctt	cctcggtctc	gttgccgcta	tcttcgctct	gtaaattggg	720
tttctctgct	taggataatc	tgatttggca	tgacygagaa	ggatttaattg	ggttttatta	780
cagcggtaat	gattggagtt	tggatttcaa	gatgtgacac	gttggaacgc	atgataaggc	840
ctacgggtct	gatcaatttc	atggacaaa	tttgtttttt	tgggtaatca	tttcgcgttc	900
acatatggct	cggcatatga	gcattgaatac	aatacctctt	ttttgcgctt	ccaaaaaaaa	960
ataaatatna	ttnaaaa					977

<210> 1354

<211> 399

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(399)

<223> n = A,T,C or G

<400> 1354

tgaccttgca	aacaagtgga	aggatgctaa	atttgagccc	agcgctaagg	accttgagaa	60
ctttactgca	aaccagaagc	ttgtcttcc	ggctgaagta	caacagtccg	gtgatctaac	120
tgcagaccga	gctcagctca	tgggcaagac	gtacgatttc	ctgtcatcgc	agaacgtgga	180
aatcctctcg	gcgtactacc	tgattgctct	acaggcaaaag	gattctgcca	tttaccaaga	240
tgccgccact	ttctcggagg	ggttggctgt	atgaagtttg	tgcgacctnt	gtccgncctt	300
aacaaaggga	cgcacagttg	cctggacctt	ttganaaaac	aaggnttttt	tatccatttc	360
caggntttgt	aaaaaaggat	ttaggtttta	agttggggc			399

<210> 1355

<211> 638

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(638)

<223> n = A,T,C or G

<400> 1355

gtttcgcgtt	atggatggcg	gaaagaagct	tgtcaaagtt	cctaatgctc	tcaactcgtc	60
ctctcgaacc	cccaagactg	ctatcattgc	tgggggtcaag	ttttaccgaa	caaagacagg	120
caacctttgtg	gcgaatcgca	ttgttaacga	ccagcggcga	tggggcgcgg	tcaagaagat	180
tgatcaactt	tgtaaaatct	tctcaacgac	tggtatttcc	tctttctatg	actggagtgg	240
tccacgcctc	catcatccga	accggcctag	tggccatggg	acaaaactaa	catataattt	300
ctgccaggtt	catgcaacta	aggccctcag	tgccgctata	ttcacgatcc	caacaagggt	360
gctctctgtt	aaaacatcct	gaaagacgga	caatgtgtna	acggcgagtt	ctgtgatctt	420
tcccatgaca	tgacttccga	gcgcacaccc	aactgccttg	acttngccaa	aagccattgc	480
gccaaaggatg	aatgncctta	tctcacttca	ganctgcctt	gntggtnntag	tgtgccgaac	540
tttggcttna	atggctactg	nganaaaggg	gcangttnta	ctgaacgtac	cgttttttgag	600
tgtcctgctt	tancaatccc	ggccgatgta	agancaag			638

<210> 1356

<211> 563

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(563)

<223> n = A,T,C or G

<400> 1356

ccaaaagtgc	agagcgtoat	tgtccagatc	tacgccccctg	agttgtcaga	gatataactca	60
tattttggata	tctgggtcatc	gatacgaaaa	cttaccctatc	caattttctcg	cccccgatcc	120
gogattaata	nacccccccac	tccccatcga	aatcccagggt	ctaagttcca	agacaagaca	180
agtcacgtct	caactaccgc	gactcgacct	tgettntttt	tctcctgttc	ttgncaacaa	240
cagtcgaagct	accogagcct	atactttcaa	cantggcttc	aacactcaca	acaaccgagg	300
cgcaatgtcg	ccgcgcgnnaa	caataccatg	aagccgatgt	cgtcgttgta	ggagccgggtg	360
hattcggttg	cactatggct	ttcgctctcg	ccaaccaagg	ccgatccgtn	cttntctcga	420
gggatgactc	aaqaaacccc	atcccattnq	gganaaactt	ctccagcccg	ggggggcacc	480
tccttnaaaa	gcttcgggctt	tggacactgn	gtngagggga	tgcagcgaac	agccttgnta	540
gggatcncca	ttttctacca	tgg				563

<210> 1357

<211> 418

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(418)

<223> n = A,T,C or G

<400> 1357

caccaagact	tgccnttgtg	gtacaaagac	ctcaagaagt	accatcttgc	tcataccttt	60
ctcgattacg	agcttgggtt	cggagtcacc	agtagattct	gggacaccat	tttcggcact	120
gagcttattt	acnacaccaa	gaagacaaaa	taagctcact	ataatgcgcg	caatttctgc	180
ctggcgtgta	tcttataaat	tcaagctggc	acactgtata	tatgtcttgc	tatcaagtgc	240
ttggcgcaca	ctgggttgta	cggagcagtc	atgattaatg	gatggtaatg	aacatggngg	300
gccctggcat	taatggatcg	aacagcataa	atagttttta	tggntgggac	tggtacgccc	360
gacattnttn	tttggacaga	gtcacttttt	aataatatac	ctcgtntnaa	aaaaaaaa	418

<210> 1358

<211> 675

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 1358

caacaatcta	gctccttggc	taccaactct	attacaactt	agtagagctc	aacgacactc	60
aaactcttgc	ccacatcctt	tactttgcta	gggacggctc	ccttgccacg	atatcacaaa	120
ccacaaactc	acaaacactt	tgtaaacatt	gtgtgcaagg	atgcaattct	caacaaccaa	180
cgcaccccat	tgtctgggtc	aagatagttt	cgacgacata	aaccccaagg	acttcctcag	240
acaagaattc	aagtctaagc	gaccacgaac	tgccgatatc	cttctcgagg	agctaccaca	300
gggtcttggt	caggatgctg	aagcaacaga	tgtaacagga	gatttcttct	cagccaagtc	360
tgagtttagag	tcagaccacg	aggaacaact	ccccgacgga	atcgaagaga	ccgaggaaga	420
gagacagaag	cactgggttc	tggtagcat	cgaccaaggc	acaacatcaa	cccgattcct	480
natcttcaac	ggacatgggt	aaactgtcgc	cagtcatcag	atggaattcg	agaaccttta	540
ccccagctnt	ggatggcatg	agcatgaccc	tatgaccttn	ttgaatctgc	cgagatttgc	600
atcgagaagg	cactgaaaaa	ttctgcgcca	aggacacagt	gtcgaagaaa	ttcctntntt	660
ggtatcacaa	atcaa					675

<210> 1359

<211> 989

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(989)

<223> n = A,T,C or G

<400> 1359

tcagaattca	gcagctttac	aactcattta	attaatacaa	acaacacaaa	aaactcctct	60
actcaaccaa	tcattatccc	tgctaccttt	ttaccactta	aacaaaaaca	catcaacaaa	120
atggccttct	tcttccggcg	tactgtctac	catacccaag	ctcccttgaa	cccactctac	180
tactttctca	aggaacttga	ccagttctgt	ttacagcccc	agcagcctca	gcagcctcag	240
caaagaagcc	gatgocagtc	tcaacagaag	agccaggctc	aggctgaatg	ccccgcctat	300
cggttgacaa	cccgaccatg	ggagccccgc	tttgaggctc	atgagacgga	ggactccttt	360
gttctctacg	gcgagcttcc	tggtctgaac	aaggaaaaag	tcactgtcga	attccccgaa	420
cctcgcaaag	ttgtctgttag	tggcaaggct	gagcgtttca	cagaagcctc	caaggcagct	480
gaacacagta	ctqagtagaa	cgctcccgct	ncgtctatag	agtcagaaaa	cgagagacac	540
cagagcagaa	gttcatacca	agctactgtc	gaggacgatg	ttgatgatga	agtttgaggt	600
cttgagccac	acatcacaaa	aagtcagaga	ccgttagtca	accacagtct	gagactttta	660
gcgagaaggn	caaagacaag	cagcctgagc	aanccaagca	gctgagcaac	ccaaagcagnc	720
tggaanagcc	aanaogttnt	ggttacacca	aggagttttn	acnctactta	ctttccccac	780

ctacgtnaac	cacgaggnag	taaccggcca	acctttaagg	atgggctcct	ggactggcat	840
tggtcccaag	gctactccca	agtctcgccg	atcctcatta	actagaggat	cggatattgg	900
tttccacatt	gaatgngata	ttctttggat	tanatatgtt	tangagttct	taagctgggt	960
tcttaantaa	angggtttnt	aaaaaaaaa				989

<210> 1360
 <211> 586
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 1360	
augttagaat	agggtcttct
attgggcatc	tatctttttac
ggaacccagt	caatgacacc
agaacccatg	cagtaatccc
acccaaagcc	cgctacaccc
tcctgtctct	caataaatgg
aagtgcgaat	tatcatcagg
ccaacgcccc	ccgganaaag
catttttgaga	ccataatcat
acagaaaaga	acatctgaga
	cagcatctcc
	gattggtaca
	cngatc
	586

<210> 1361
 <211> 616
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 1361	
cttggttcaga	tgaaattccc
tgccctcgcat	aaaagccccc
ccagatcaga	gggagatttg
ctatcccatt	tcaactaagc
aaagacatctn	caagcctcaa
aagtctcaga	tcttgccc
agcacttnat	ncttgccc
atctagaagc	tacactggct
gagcaagggc	accgggaacg
gnngnggac	actntggggg
aaaggtgaaa	ggatgg
	616

<210> 1362
 <211> 287
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(287)
 <223> n = A,T,C or G

```

<400> 1362
gtaacaccgg cgatctcgtc tgcaccggca ctctcctcgt tgctggacct cacttgctct      60
accagactga tgcttcgggc cctgctcctc gcttcctcgt tgagaaggct gactctcttg      120
gtgccggaag tgcctaanaa aatgggaaat tttgtcttga tgtaaatac tgattgggaa      180
caaaaagcaa taggcgggcc tattcttgga gacttttacg aggtatacgt atgttaagtt      240
tttattattt ggtagatata ttttgcaatt ctactgggtg atagacc      287

```

```

<210> 1363
<211> 357
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

```

```

<400> 1363
ggaagatgta aagtcgttac agaaattaca tcagcgaagg agctgaatgt acgagatctt      60
gtgctttcta ggcacgaaat ccaagtacaa cgtgcagtag agtgtcaccc ccagaactgg      120
cctgtgcttg gaaaagaaaag ctcaagaaaag gacatggccc gtgtcnagaa aagggtctgc      180
ctcttcttac cagtgatcag gtcaagggga tatctccagg acaaagcaca tcgatgttga      240
cggcattcgt ctggaaaaag gtgacctcnt tgtgcgccga ngcgtctagg aagacgaatc      300
ctcnaagaac ttcgagacta acacngatag tgagggtgctc actatccttg atacaga      357

```

```

<210> 1364
<211> 578
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

```

```

<400> 1364
attcgtgcct gtacactcgt ccttctcctg cgcgtttctt tttgagcctc attatcgatc      60
gataaagggc aacgacatac cgaatctcaa ggctcaggaa cgaaatatat tctttatcaa      120
cagaacaccg ccattgtctg gcttactcga tccctccggc taccgccggc caagagcctc      180
tttggtatca ccagtctcca gaccggcaca gagcttattt cactggctct cgttttcaac      240
aagattaccg gtgttttacg actcctcgcc atccttactg gatatacagt atctctcctc      300
caactctcga catacgttta ctccatcgcg gtccgtgtag gacttgccat ccttactcct      360
catgttcgac gacaaagccc ctttgaatgc ctggccctcg catggcttta catcatcgat      420
accgttatca atgcagcata caccgcagct lloggcctag actgggtaet tototactca      480
gcttaacgag acaatcgaat tcaagaanan agatctgcc aattttgtgg ctgaagggtat      540
gcaanggctg cgaaaagaag ntgccatgca tggaaagg      578

```

```

<210> 1365
<211> 334
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

```

```

<400> 1365
naccggactt gngtggagcc cccattcgan cgatacnctc atcagtgcta gttacgatat      60
gacggtgctt ttgtggaatg acgggtcgat gcaacancaa caactaccac aggggtccant      120

```

gatggcacca	tcaataggta	ctcaggtggg	cggtgatgaa	ccgacatacc	gagtttggtta	180
cgggagtcga	ttggcgctct	tttgnccatg	gtggatggnt	ggctactgtt	ggctggggat	240
gaanagagn	ttattgtggg	atgccnecat	gctaattgggc	cagngaatac	nataacatca	300
anattcncct	tggttanattg	ncgttactng	gagt			334

<210> 1366
 <211> 628
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 1366						
gctcaacccgg	acagtgcgaa	tagcaatggc	cgcgtcgtcg	gggacctggc	ctgtcaatcg	60
gactcgtacc	tccaaactct	cgagacaaaa	gtaatttctt	gcgaaaaggc	tcctaagcgt	120
gcgcaaaagt	caaaaaagca	cgatgcacgc	cacgaggagg	ctgagtgggt	aattgagtgt	180
tctgactcgg	tacttttccc	tgaaggcggc	ggtcagccct	gtgaccacgg	aacaatcact	240
ttgctctcgg	gcgacgacca	agacccccatt	cccatcaaaa	atgttcaacg	agaggggtct	300
cggtgtgtca	tccactcacc	aaagcctatt	tctcctgggt	tggaggtccg	ccaacaaatt	360
gcttgagccg	tcgatgggat	cacatgcagc	agcatactgc	cagcaccttt	gnctgcctaa	420
tgatgaagaa	tcacgagctc	aagacgctgg	ttgggggaatg	gtactgacgg	aggcttaact	480
atgttgactt	naaaggaagc	cgcagatgan	gagatgcagg	tatncagata	gctgtgcgga	540
aaagatcaga	gactgtaatc	aggtgagacg	cagatacnca	acatgcaant	cctgggctnt	600
acaancttac	gngtttgagg	tatcatnt				628

<210> 1367
 <211> 615
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 1367						
ggaaagatgg	acgaggcaga	tcggaatccg	aacttcgagt	tcttaggcgg	caacggngga	60
ggttttccct	cgcccatatg	cggagacttg	gattttcccg	ttccattaac	agtattgttc	120
atatacttct	gtcnaatgaa	tcgttccatc	gcggaatcgg	cttcgtcaac	gtcaacgggc	180
acaggcggct	tgccatgttc	agggttgat	aagttgttcg	atgtaatat	tccaaccttc	240
ctcatgttct	gttggttggt	taagctgaga	galactcacg	tnccgcaaatc	tggtattatt	300
ctcgttactc	acatcgactt	gctcgttggt	ccagctgtcc	atactcaagg	acttgacttt	360
ggaaatgtgc	gtaccaagct	ttcggnggat	tgcagcacat	ctcatacata	anaaaacgcc	420
gagctaataa	cgaagttagt	cagaagtcca	tttccggnac	gccatanaaa	tgcttacact	480
ccatgatgcc	catgctaaaa	gatgacagtt	cacgttanca	aattccgaac	gttctacagg	540
cggccccatg	angaacttca	ttgnatgtct	qgggggacct	ggattacncc	catgacagtc	600
tggcacatat	tattt					615

<210> 1368
 <211> 549
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(549)
 <223> n = A,T,C or G

```

<400> 1368
gggaactcaa gaactcagca caagtctgct ccatgtcatt caagaggggtg ccgtcttccc      60
tgcagcaatc attacgattg ctgctataaa tgacgtgat cattatctga tattcatttc      120
gtagcctaag tctccattgg catgccgtct gggatcggcc ctccggatac ctcaaactca      180
tctgctatct ttccaagggt cttcatctcg tcttcggaaa gctggcagcg ttgagcattt      240
tctctactc  tggcgcgct ggttgctcct ggtgctggga ttatagtagg caatccgtcg      300
tggccattca gacctctcac ccagttaatt gcgagttgnc tggggtaata tcttctttt      360
cagccacagc cttgacctgc tcaacgagct tgaggttggt ctggaaccct tcgggttgga      420
aacgaagaaa cttgctggca attccttgac cctggaactc anagctgtta ttaaagcggc      480
cagnaaaaat ctgtttggtc gntagttgct taaattttca gatgaagtnt atagatntnc      540
ttaccccccc

```

<210> 1369

<211> 618

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

```

<400> 1369
tgcctctggt agatctgact ttggcctcgc ttttctcgca tatactatac ttttgactca      60
gagttttttc tcttcattcc tctcttcaat tgnccctttt tacgtactc gctganacaa      120
agcctctctc gtgccgtctc taggtccggt cagcaccctg ccaaaaactc ctatccccac      180
caaactcgac accgccatgg ctnaagaagg catcttcagt gccaacctcc tctcttctga      240
ggtcaaggcc gctcttctcg agggttacac tctacgcgct ttgcgcaagt ccgacttcaa      300
caagcgggtt cctcgactgc ttacgcgtct tgaccacggt cggtgatatt accgaggccg      360
acttcgttaa acagtaacna gacatggctg ttgctggcag ctactacatt attatcattg      420
aggacacctc gcgcaaagan aatcctgtcg cagaactggt gctttgatca ctgagcgcaa      480
gttcatccac ttntnttggc gccgcngcca catngaggat atcncctgcc aaaangacca      540
acagggcnaa naagctcggt cttncaaata ttcaaaccgc tcgancacat tgcnaacan      600
ggtcggntgc taaaaaat

```

<210> 1370

<211> 501

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(501)

<223> n = A,T,C or G

```

<400> 1370
gacaaagtgg ttacatgaa aagcttatta attgctcccc aaatcccggt gcttctttta      60
gactttttcc ctcccaaact cttagtgggt gtgcaccctg ttatgtccct ttagtaaate      120
tctttcattg actattcacc cgttactcca ccttqaqct tgnctgctt aacagtgaaa      180
gcatctttga ggaagtccct ctactnclly gtgtggacgt tcttnanacc ggtggcaana      240
gaggaactgg ggtttcgggc agcgtacatg acgtgcttgc ggntgtgggt ctcantgttg      300
ttgagcaaaag tctcgatacg gggctgagtg aagcttcaag caccggctga aaggttcttc      360
tngnaccaga ccatggcttg ncgttggggt aaatgtcgag gttctctctng agttgtgcc      420
agggaaaggg ttccatcgac gnncccgtaa cgtctgccac ggttnccgact ccgtcngaac      480
gncataaaga gattgcctat g

```

<210> 1371

<211> 531

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(531)

<223> n = A,T,C or G

<400> 1371

caaaaaatca	accacattct	tcgccattgt	tatctctgcc	agaatgcggt	cacttttgag	60
ccttggtgctc	tttctcttcg	ccgcgctggg	ttcggccgtg	agcacagctg	gtaaccgtat	120
gctgggttggtg	ctggacagcc	caaaagacaa	ggagcctaca	caaccttttt	ccgcgacttg	180
tctgagcgag	gatacgagat	cacgtatgaa	tcaccaaaga	ccgaaagcct	agctttgttc	240
cttcacggag	agaggactta	tgatcatctc	gtcttcctcc	ccaccaagat	taanggtctt	300
ggacccaatc	tgactcccag	ctcattgtcg	aattcatcaa	tgccggcggt	nacatctcgt	360
taccatgttc	tccaccacgt	cgtgcctcca	ctatcgatgc	cgtcctcatg	ganctcgaca	420
ttatctcccc	naggaacnca	ccggcaagtg	tnacaattcc	ttcaanacat	tcnccgccaa	480
gaaangaaat	ctctttncaa	gccccncacc	ccncccccg	aaaagaaact	t	531

<210> 1372

<211> 995

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(995)

<223> n = A,T,C or G

<400> 1372

acgtaccaac	cacttaagtc	cggccactct	ttttattctt	gctcccccca	cgacgtcaca	60
ccccacatca	cacctccatt	acctaaccac	ccttcctcat	cttgacaata	ttcacaacct	120
cacatctctt	tgggataaaa	ggttattgtc	acttctcttt	gtctccacgt	cacgatcttg	180
ctctactgca	aacgtgatcc	cactctctag	cacagcaaga	aaagaacttg	gtgcagacac	240
cctaatacaac	caggtcacaa	gaaagaactg	aaacacgttc	ctttccctct	tcgctcctcg	300
cgcgcaatcg	atatcaacga	cgaccggaac	gaagcgatcc	ccgccgacag	ccgtcatcgt	360
cacatcagat	tcgttgcgct	gttgtagaca	acaataaaaag	aaaagaaaaga	aagaaaaaaa	420
aacacgctgc	tgggggaagtg	aaagaagctc	gtggccttcc	aatacctaata	tctttggcgg	480
atatcttgga	gtatcgccca	ccaaaaaaaa	aatcgaccgc	ctttatttcg	gttttatacc	540
ggctctgcac	gaatctattc	attcgacgct	ttncggganc	aatctattca	atggntgggt	600
cangtttctt	tgtnnnggga	cacattcnct	tgntttntct	tccccctattg	atctgttcag	660
cgattgttca	taaccggtga	cacttctcga	taccgactcc	aatcatggaa	ggcatccaga	720
ctaccccgtc	caacgcggcg	caagccaagg	cctttactgc	gcctggatcg	ctgtcgttcc	780
ccggagccac	gaacgagctc	acaccgccgc	ctgtcggcaa	cagcgatgct	caacaacctg	840
ctcctaattg	gtcagcaggc	gggcaaatgg	caacggggtg	gcacccgcaa	cgcctgtcgc	900
gacgcctgct	gttcttaagg	accccagtgg	aatcactccc	actctacaaa	acatcgnngc	960
tacagagaac	cttgactgcc	ggttggacct	naaaa			995

<210> 1373

<211> 528

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(528)

<223> n = A,T,C or G

<400> 1373

ccacaacttt	ccaactatct	cgtgcctga	acccaacagt	cattgcgaca	cttgaattcc	60
accactcttg	acagcacact	taccgcctcc	acaacaacca	tcaccgtcaa	catgcgcagc	120

aaattcaagg	acgagcaccc	tttcgagaag	cgcaaggctg	aggccgagcg	catccgacag	180
aaatacgctg	accgtattcc	ggtatgtaac	ttttaaaaaat	aacatcttct	ctgctttttg	240
ggcgggaacag	ccgctttcac	tcgacaacga	caacgacaac	gacagactgg	ggggttccgc	300
cagttaccga	ccgcctcctc	tnttcatntt	tccgcaccct	acaatccgtt	acatttttacg	360
aataggttat	ctgcgagaag	tcgaaaaaag	cgatatcgcg	accatcgaca	agaanaagtc	420
ctggttctgc	cgatctgacc	gtgggcagtt	cgtnctgtna	ttcgaagcga	atnaagctnt	480
ccccgagaag	gttntttatt	tttgtcgaga	ngtntttccc	cacagtgn		528

<210> 1374

<211> 597

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(597)

<223> n = A,T,C or G

<400> 1374

cttccatggt	tgataaacac	ggtgcatcac	aagatactat	ggaaaaaatt	tcaaagttca	60
ccacttttgt	ttcttggaat	ctgcgttggc	aggttttcat	gcatgccgac	tctcatccac	120
ccgcgaagct	ttgggtcata	cagacattat	taattctcga	ggtgtatgag	aagatgaacg	180
caagccgggt	tcttcacgag	tgtgctcata	tctacttccc	tacaacactg	tctctcatgc	240
gcagaggaag	tgccctgaca	gggaagcagt	cctcgatagt	gtccagagtt	ccaacccctc	300
tgggtagccc	caaaatggga	tcattccagaa	tgtttccctg	atcgaatcgg	ccgggcttta	360
actcgteccc	tganaaatgg	tgggaccact	gggttgcgca	ggaagctctc	gacgaagctg	420
cttttagctgc	atttatcatc	gacgctacgc	atgcgggttt	atgtggacat	ccccacact	480
tgtgattcac	gaaatcaaac	tgccacttct	tgggacaaca	ctctgnggcc	tctgattccc	540
atcaaaaatt	gggtgtgtcg	agtcaagttt	tatgccaacg	gngtcacncc	aataatt	597

<210> 1375

<211> 606

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 1375

attgactaca	ttcccatctt	caagtctttc	ccatccttca	ttgtttctct	acaacaattt	60
cgcaatggct	tcttcanaac	tcgctcaact	tattccaccc	gactcatggg	attcgcatat	120
gcataattgt	gatgttgana	actacgctct	cgacccctca	gcaacatacc	gccccacctc	180
gcactntctt	gagcaggccc	ttgactttga	aactagcgng	ggtctccnaa	acatcgttct	240
tgttcagcca	tctatttatg	gcttgaataa	ttcgtgtttg	cttgatggtc	tgcggactct	300
tggttctgag	cgtggaaggg	gagtcgtttg	aatcgaccct	aaagcctttg	atgccgatga	360
gtcccgagg	tggcatgagt	tgggcgtgcg	tggtgtgana	ctcaacctgc	agtcagttgg	420
ggcnaaaatg	gatgcgcagn	aattaaagca	gcagttgaca	ttgtatgccg	atgctgtaan	480
accattgggt	tgggtcgcca	agttttaggt	cccatgaaaa	tqatcgaaat	cctcgagtnt	540
tttatnccaa	aactcaacat	caagttcttg	atunaccatt	gggacagccc	cctgaaaaac	600
aaaggg						606

<210> 1376

<211> 527

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(527)

<223> n = A,T,C or G

<400> 1376

cgagattgag	tcattgcctc	caaactactg	acctttctgt	aaccggaatt	actattacct	60
ctattctcct	ccaatacaca	acattcttcg	cctttggcgg	ctcaaacgcc	attagctctg	120
tcgacctttc	aagcgcatac	aacggcatca	gtgggtttcaa	cttctttgct	gttgggtttc	180
tcacctcgt	cagcaactgg	gocgggcccc	tcttttgac	ttctgctgcc	aatctcctgc	240
tactccgcaa	gtatcatgaa	gggtcagcgc	aatgcatttt	gggcaatata	ttaccttgca	300
nacctatcgt	ctctgcggt	gttgcggttg	tcattggcgc	ttgcattcgt	nnaaaagcac	360
tttcattgga	cgtctctcac	ccaatatctt	acggttgccc	ggaaccttag	gtcacactgc	420
tgatcaatac	ggntcggggg	tctctttttg	gtggatcccc	actanntaaa	taaacacaaa	480
gaaaggtact	cngttttaat	ntttaaaaaa	aacaaacaaa	acctaac		527

<210> 1377

<211> 574

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 1377

cagcgagcgc	gtaccgggtgc	gcacacacaa	gatgacagac	ttgagaggta	tcaccattac	60
cactgggtata	ctgccaagct	ctgtcaagga	taatctgaca	aaggcggtcg	agcgcattgg	120
agccaagctt	gtggatggag	tccgcattga	tacgacgcac	ttcgtcacia	ctgagggtcg	180
tggacagcaa	tgggagaagc	tgtcgagagt	aacattcctg	ttgtacgtcc	cgaatgggta	240
gaggcttgtg	aaaagggcgg	ccgtattctg	ggcgtcacia	agttctacct	tgatgcaatg	300
aaacctgggt	cccagcaga	ggagtctaca	ccaccaccac	caccaccoga	gaaggaggag	360
aagactttacc	cgtgcggccc	agtcagaacg	gtgaatcggc	ttcgagatca	gaggagaagc	420
tggacgataa	gataccggga	gaaggaagag	aatgaaaaga	aggaaataga	agaacccngg	480
gagaacggcg	agaagaagaa	ctcaagcgac	agcagcagtg	aagacganga	cnatgtggaa	540
gtcgaacaga	aggccatgaa	atcnccgcaa	gaag			574

<210> 1378

<211> 1053

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1053)

<223> n = A,T,C or G

<400> 1378

ggttaccacg	ttgccacaaa	ccccagcgtc	acctcaactg	ttgagccca	caccggccgt	60
gagctgaaca	ttctcgacgt	tcccaccgac	tctcacaagt	cttcattctg	ctcattctct	120
tccaaagctt	ctctcaagtc	ttctttcttc	ttctcaaaat	cctcgtccaa	gtttttcttc	180
tggcacaagt	tatctctcat	caagtctttc	tccagcagca	agagctcttc	tcatctcttc	240
aaggacaagg	agtctcgatc	ctcgcgatcc	tggcgccaca	gtcccaagct	ctccgtagac	300
atcccccaagg	gcccgccttg	tcaatctctc	agatccaggc	ccccaaagcc	atgtcttccc	360
acggcagcaa	gcacattttg	gatgcttctc	actacgacaa	tggcgaactt	gacgagcttg	420
ccgatcgtct	cggcagcgcc	aacattgagg	acgagttctc	caccgacttc	agcacctcac	480
cagtctctct	caggggtttc	tccctctctc	acgcctccga	cagctctctc	ccccactcgt	540
ccctctcttg	ctacagcaca	cccggatccg	agtcagctc	tggcacttgc	gagcgtctac	600
gtatcactcg	caagggcgac	cgtgtcaagc	tgcactgcgg	cggatctcga	tgtggctttg	660
atgacagcga	ctctgtctcc	agcgacagcg	aggacgagga	tgagtacgag	cctgtctctc	720
ccgccagctc	ccgcgcgcac	ggcgtcgttg	cataaatgca	ttggtgtaat	gcgaagactt	780

tggcaagaag	ttgagagaac	ccttagccgt	tcactccttg	tatcgggcat	cctatggcag	840
cacaccagcg	ctgggatgac	tcgacttatg	ttgttggtg	aatatcagca	atcatttttc	900
gttccgacct	gcgtcacgta	tttctgaac	ggatggcacc	ccagctggtc	tcggaatggt	960
tcaaccgccc	ggtaenttga	tctcantagg	tcangctgcg	accgttganc	catccacaat	1020
ggttctatct	ggctgcgcaa	cgttattctc	tcc			1053

<210> 1379
 <211> 358
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 1375						
ngccenttgt	tggnggggnet	ttttgctngc	cgnggggngc	ttntgttttt	tgtegaactc	60
ntttttcaac	gtcgatgggtg	gccaacgagc	catcaagtnc	caganattga	ctgggtgtcag	120
caagganatc	tatacgaagg	aacacacatn	aacattttct	gggtttgaga	ctcctattgg	180
gtacgatgtc	ccaacaaaaa	cccacgcaac	cgttgcgtnc	ttgaccggga	cccaaggact	240
ttgcagatgg	gcaatattac	ctggcgngng	cttttaacgt	tcccaaattng	atgctttgcc	300
cagatctacc	gaacacttng	naaccganct	ncgatgagcg	nttgctggcc	tttatttg	358

<210> 1380
 <211> 644
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 1380						
aaagcaatgc	ttgggtggtt	ccgtcccttg	gctggcaccc	ctggttctca	catcttcttt	60
atgatgactc	ggccgacgtc	ccgacatata	ggcccacctc	cggctccgac	gccgacaccg	120
acaatgccgc	aaagcaggcc	cactacaacg	ccgttctgca	gccggaacct	tcattggact	180
ttgtgcctc	cctaccaacc	ccaatcgctg	taagcacatt	tctcaaggaa	actgaatccc	240
gactatctgc	caaccctcat	gctctggctg	gtgagattgg	cgttgacaag	gcctttcgct	300
ttcctgagcc	atggaaccca	tctgagcaag	ctgaacgaga	ttcaactctc	actcccggag	360
gtgcggaagg	tcggtatctc	agtcttcaca	gagtaaggat	agagcaccag	cgtgctattc	420
tttgcctgc	aactccgtct	tgnttgccaa	gactcgccga	gctgtcagcg	tcacngcggtg	480
caagctcatg	gagtgcctna	tgacactctt	tyccgacaca	tggnaaggnc	attgagcggtg	540
aaagtataaa	cacgcgcaaa	acgggggtttg	gtcgctaang	gtgcttgagg	actttttcgg	600
atgaagaaaa	cgaanaaaaa	tngcgaggaa	gccttntctt	cacg		644

<210> 1381
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 1381						
gaggagatgg	actggatgcc	aaacctgccg	aaaaaggagg	atcaaatgcg	atgagacgcg	50
accagcttgc	acaaaatgcg	ttcagtcggg	atggaaatgt	gatggctacc	caataaacgt	120

agtttcgaca	atcactccgc	acaaagagag	acttccaagg	ctgccgcctc	ccattcccct	180
gttatccatc	accagctact	cgatccccct	caaagtccct	gggagccaaa	gagaccgtca	240
actgctccac	tacttttgtg	ttcaaggagc	gtcgggagatt	tcgggggtttc	tcacctccga	300
cttctgggtc	gagattgttc	ttcgagagag	tcatcaagac	tcagcattac	gacaagcact	360
tgttgccatg	agttcactgc	atttagatta	catcacttta	gattcagtga	acagccaagc	420
tgcaagtgtt	gagacattgg	ataattatgg	caaagccatt	cgtacaataa	ggaaganact	480
tgcccagcca	tcgcctgata	caaccaaagt	tgcactcatt	tgctgcatca	tattttattg	540
ctgcganagt	actctangaa	atccnggttc	agctcaacag	catctaaaca		590

<210> 1382

<211> 472

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (472)

<223> n = A,T,C or G

<400> 1382						
tcgtggtaga	tacgggcacc	cgntgactng	gcagntgaga	agatgtcttg	ccacagcnag	60
tatgatccag	agaagccttc	ttgntgggtg	naacaatgcn	natgcctcgn	ttcagagcaa	120
gggggtacag	ttcagcgaca	tcttnagagc	tggtnttgct	gacaagaacg	tcttggcggg	180
ggctttggaa	aggnactnga	tgacctgata	gagagcgagc	ggggccttgg	tacgaggaac	240
tgagagtgtc	aacgacgttc	tcgaggttaa	tgggagagta	gtcgtcgttg	tagatggcct	300
tgccgctcgt	ggcaatgtag	gcaaggttca	gtttcgggga	tggctttcga	agcagcaagg	360
gactggagct	ggtcgataaa	ggccttgcca	acacctccgg	cgctgttgt	tgggacattt	420
gtttataaag	ttgtgtatct	ataagtttgc	aatgtttcan	ttnataaaaa	aa	472

<210> 1383

<211> 634

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (634)

<223> n = A,T,C or G

<400> 1383						
gcccagatact	gacttcgtac	ctcactctgt	agctgagagt	catagtacga	taaagctcac	60
gtcgcaacct	cattttattct	cacaaatata	aaagcgatac	ctcagcagct	agctacaact	120
tntttttctt	tcaanacaaa	tctttntttt	acgcataatac	aggaattgac	aagacgaaat	180
catccactca	cttcaacaac	acgatataga	gcgcatactg	gctcgcctgc	aacatgtccg	240
ggcgacgcga	cttntctaac	caggcagcgc	ccganaacta	cgtcgcctgg	ctcggctcgtg	300
gocgcagcagg	tttcacnaca	agatccgatac	ttggctccgc	tagagatgga	cccagngagg	360
atcagatcaa	ggaggcgctc	gcgaaacgag	ctgctcagct	tggctctcgc	ccaaacaaga	420
agggaagga	aaaggaggag	gaggaanaaa	aagatgaaga	gcgatcccaa	gatcccgata	480
acgaagtong	acttttttgc	ggnggtgtct	accacaangq	acgaatgang	aancccaaaa	540
gattttggga	tgggtgata	aaaaaaaaat	nccccaaaaa	aaaqccqccq	agaagccna	600
aaacngccc	ggganggaca	atnccgaacc	gaac			634

<210> 1384

<211> 677

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (677)

<223> n = A,T,C or G

<400> 1384

caagttacag	ctctctgcat	ctctaattgt	tttataggta	cactggatgc	tctgtagatc	60
agctctacac	ccataatgtc	cgaatcaaac	tctcttctgg	ccttcttcag	ccagcaaagc	120
aacacgggcg	gcatcattgt	caaagagcaa	cccaaactcg	acctcgacct	ctacatctcg	180
aactacaccg	gtcgaacgag	aatcgatcgt	ctcatacaaa	tcggaaaagtc	atcagtgccg	240
ctatgcatcg	atgcgctcaa	gctcgccata	gccgaagcaa	agaaaaggctc	ggatgtatcg	300
caatacggcg	aagcttggaa	ttgtctccgt	actgcggcac	ctcaagagcc	agaagctcaa	360
ctcgaacacg	aatgggtcga	tcgaattgaa	cgtgagaaca	aaagccgaga	acgcacgtct	420
cgaatctcaa	cttaagcagt	accgccccaa	cttngaccaa	agaaaagcatt	cgaatgggca	480
acgaaaactt	ggggcagcat	tttgagaaaa	acagggnaat	ctggaagcgg	cagccgaagc	540
gtacaatcgc	atgcgacagg	gactcacaac	caccaagcat	attatcgatg	nggatacact	600
tgtcatgtta	catcgccggc	ntgatggnca	tggactaaaa	acctgggaga	natcggttta	660
nacggctaaa	ggaccaa					677

<210> 1385

<211> 673

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 1385

cgaagccctc	gagcagtggc	gccgcgacgg	aacaggtecc	tggacaaagt	ttgcctgtga	60
gttgggtatt	ggctggttca	agcttgacaa	gcttgtccag	tcggaagagt	tcaaggcgct	120
tcctgctcag	gaacagacct	atctcatgaa	aggaaaactgt	gcctcattat	gagattctga	180
cacactttcc	tattcattgg	tttattcctc	agttccccga	tgataacctc	aactactctt	240
gcattctcgt	gttttactat	aacgcgcaga	gtcaagggtga	agtaacactc	cagtcctccg	300
atcccaacgt	ccctctcaag	ttcgacccca	agttcttatt	ttcacctttc	gatcgctcgg	360
tagccattga	gtctctccgc	gatgcattcc	gtctcgtaaa	gcattgagaac	tacgtcaaga	420
acaacgtcga	caccatgggc	gggtccccagg	gtgattcaga	cgaagagctt	cttgccgcat	480
ggagagcgaa	catctcttct	agctggcaca	tgtgcggggac	gaccaagatg	ggaaagaagg	540
atgaccttga	ggctgtgggt	tgataagtga	ctccaagggt	atcggttttcg	aaggaattgc	600
gtgttggcgg	atatgggtgt	tgtgcctggt	ttnggctaatt	tggcatattc	aagctgggtgc	660
ttatgtgaca	ggg					673

<210> 1386

<211> 519

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(519)

<223> n = A,T,C or G

<400> 1386

ctcattggcg	cattcatcgt	tgacccccctc	aatcattact	tccgtcgtcg	aggtgaaaat	60
cttcattacc	gcatgctgtc	ttactgccac	gcctatcgcc	tccggcttca	ccactcatgg	120
caaacacttt	tgcgcgtgcg	cttcgtcattg	gggaattgggt	attgggtgcca	aaaacgctac	180
cgtccctata	tactcagctg	agatgctccc	gcacgcattc	gtgggtgccct	cgctatgttc	240
tggcagctgt	gggtgtgctgt	cggaaattctc	ctcggtctct	gtggcgaatgt	catcgtonag	300
gaactggccg	aatcgcgctg	cgtctgcagc	tccgctctgc	ctttatcccc	tccttctctc	360
tccgtcttgg	tatctggttc	tgtccaaaat	ccctcnttgg	ntcatgaaca	cngcaagcat	420
gccaaagggt	tccgatcatn	caaaaactgc	aaagcccnan	attatcgccc	gaagganttt	480
actattctcg	gttntctaaa	gaagaataat	gtncaaaggg			519

<210> 1387
 <211> 581
 <212> DNA
 <213> Fusarium venenatum

```
<400> 1387
cgcaagtaca agcagagccg cgatatcggc gtttcccttg agctacttac gggtgccgca      60
gctgggtgggc cttgctgggtg ttatcacctg tctctctgaa cgttgtaag acacggcttc      120
agacacagat cagcgcaccc gcagaaaccc gggcgaacaa ggaccacatg ccacatcaca      180
aatccggcat atctctacct catctcccag caccgaccgg ccacgaccgg cgctattgct      240
ctcgacactt cttccgtctt taccggcttg cgcattgatt accgtacaga aggcattgca      300
ggatgggttc gcggcgctcg tctcgcgggt gtatggacct ttatccagag cggctgcatg      360
ctggttctgt accaacgact tctccggcag ctogaagttt tcattcccag cgagctcaag      420
gaaatgtaga aatctccaca catacttcac atacactttt tttctcgccc ttgtcactac      480
ttgatgattt tgaacctctc ttttttatgc gccgtttctg ccaccaccca tccctgtata      540
acgtattaga gaatcggaac tatgataatg atagcaatgg c                                     600
```

<210> 1388
 <211> 587
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

```
<400> 1388
gcaccatcca caataccgac tcgactcaac tcaactcggg tagatacgct cagagaagca      60
tttagtttct tttgcgagtc tgttttcgtg ttttcggcct gttagcatac taccgaggtt      120
accttggttc ctcacctcta cttttacgtg acgcttcaact aacagcgtct cctctcccat      180
caactttggt gttctgcaaa acaccgtcac tcgggctttc tcaactcattt gancgctgca      240
aacgtctcga acctcttttg ccaccgttca ttatggcttc ccacgctagc gctccgcaga      300
ttacgggtct ggggtctctc aatatggatc tcgtctccta tgtcccacac catccccctac      360
ccggtgaaaa ctcacttcat cccatttcaa cacttcgccc ggccgnaaaa gngccaacca      420
agctgtagca tgccggcaagc tgcctgggat tctgaactga acagcccttc agccaacgtc      480
tccatgggtg gngccgttgg tgctgatcct acggaactct cctccttgan agtcttcgct      540
cttttggggg ttctgttgan nccgttagtg ctgcgcagga cagaaat                                     600
```

<210> 1389
 <211> 936
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(936)
 <223> n = A,T,C or G

```
<400> 1389
cttgtgggta cggccaaacga ccagattgca tctatcgacg acaacgaaga cgaggggtcgc      60
ctgggttata tctccagttt ccgtcgtctg gttgagcagc atgtctcgcc tgcataacct      120
gaacgtatcg attctgaggt caatatgttg cgtgaagggt acgtcgactt cagtacgtgg      180
tctatcaacc gcttcgcaca gctcgtcttc actgtcgact tcggcacagt catgcctgac      240
ttcttcacac ccgggtggta cacaagtaat gctatgaaac agatgggtgg gacattttgaa      300
gagtaacgtc aagactatcg ccaggtaact caccactccc ttgtggacat cttttattgag      360
atctttgctg aggagctgct tgttcgggtac ttatccggcg tgcgaaacaa gggtgcaaaag      420
tctcgtcgca ccgacccctt tcaggacaaa gctgttcaac gacatctcta ctgcattttg      480
gtgcttttag actctggcat caccctcgat tcgggtgcatt catcaaggaa acctggcggtg      540
```

tcacagagca	cttttctgcg	cctactattc	ggcagaaccg	tgatgccatc	gnttgacgct	600
ttacgtaacc	ttcaagacgg	cttactggga	tctgagcggt	caatgggtcg	aggttgtatt	660
aaggtcgaga	gatgatttcg	agangtccat	gatagcaagc	ggtcaagaag	gaggctgcc	720
atatcgatat	cgaacgtgga	cccggagacc	atcatgagta	gaagtcaagt	acaaattgga	780
cgagtcatga	attanggttg	cacaaaaaaa	gaggaagggc	attgcnggna	aattgnatga	840
naggcattat	ttatgctcct	taacgacaat	gatattnaac	ttggtattta	gcctactggg	900
ggcantcggt	gggcttactt	tggtcgagca	taaaac			936

<210> 1390

<211> 567

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(567)

<223> n = A,T,C or G

<400> 1390

gcatcattg	ctaacaagtg	ctaggtttac	caaaagggtc	ttcttggtta	tgggacaatt	60
ggaaaccccg	ccgaacatgt	tctcgacgga	actctcaacg	tttgtcggct	cgacnataac	120
tttccgcga	tcagctggcg	cgtctgcaac	tctcacttna	aggcattggg	ttacttgcaa	180
ccaggaccaa	acaagttgcg	cttcgagttt	tcgagtccca	aactacccaa	tagtaacagc	240
tcgaaccgga	ttcagccttc	ctaccttacc	gttcatatgc	tcccagtcga	caattctccg	300
ccgctgcagc	ttgtctatact	agttgccaaag	gattcgccag	agacattcga	tgcgtcncgc	360
gccggggcna	aaaggagggc	aatggactgg	agactgccgt	gaanaanttc	aggatggcgg	420
cgtacctgtg	gcaaagcatt	cacctcgga	cagatgtggc	ggaacaaact	tggacngcgc	480
gcattcngtt	ttgatnaaaa	atggacaaca	ngtcgcgcaa	ctntngtgac	cgananaaatg	540
gcnttgcgt	tcnaancea	gggttat				567

<210> 1391

<211> 542

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(542)

<223> n = A,T,C or G

<400> 1391

ccntctcaag	cccacaaagc	ctatcatccc	cgctccctcct	cctgtctaca	caactgaggt	60
tctcactgcc	atcaccacct	actgccctga	gcctaccact	cttactcacg	gcaacaagac	120
ctacaccggt	actgagccca	ccaccctcac	catcacccgac	tgccttgca	cagtcaccaa	180
gcctnagact	gagcactacc	ctcagccccc	ccctggcaag	cccggacacc	ccggcaagcc	240
tgagggttccc	gctcctcacc	ccactgctcc	cgctcccgga	aagcctgagt	acccccagcc	300
cgggccaccn	gaggctccta	anaccaccgg	ccccgtcccc	gtccccgtna	acctaccgg	360
gnactactnt	tcttctgagg	gtaccagccc	tgcctgcgtc	actgggtgctg	ccggccgnat	420
cgccctcgtnt	gggtctcctgg	cttttatttg	cgccattggg	ttnttntaag	ctattctacc	480
acatgcttgg	cccggtatct	tattttngga	tacaaanataa	qqnqacanaa	aagggggggg	540
an						542

<210> 1392

<211> 609

<212> DNA

<213> *Fusarium venenatum*

<400> 1392

agccattcga	ggtagcaaag	accttggtgc	aagtcgggaa	tcaggatgaa	aatgctatat	60
ttggacttcc	cgcagagcca	gagaccctta	agaagccggg	cactccacct	agaagctcta	120

tgtatgattt	tagagactcg	gactctgagg	gcgaagagcc	taattacttc	tcatacaaca	180
tcccccaac	tcctcacgaa	tctccatggg	gttcaagctc	tcaacgagat	ccatcgccctg	240
tgaagaaacc	agctatccca	gaacactttc	ttcaactccg	acgcccagat	tcgattctcg	300
aggtgatcgg	tcagctatgg	tcgaaagagg	gtgcctgggg	agtgtggaag	ggttcaaattg	360
ccacattcct	gtacacagtg	ttgcagtcgt	tgctggaaaa	ctgggggtcga	agcttcctca	420
gtgcaatttt	taatgtccca	gacatgggtg	ttagagaaga	cattgatcgc	atgatcgaca	480
ttgcttcgcc	ttacccttgg	gcatctcttt	ttgggtgctgc	tgctgcagct	gtggccacag	540
gacttgccctg	tcgcattgga	cttgggtccga	actagactta	ttgtcacccc	gagctcaaac	600
gggcagcgc						609

<210> 1393
 <211> 611
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 1393						
gaaatttagt	gatagtataa	gatcaatcgt	gtcctgcgac	tctnttttggg	aactttgntg	60
ttcatataag	tatatctctc	tctcanggg	atcttaagac	cgtctctata	caatcacatc	120
taatatagat	atacaatggc	gacaattcga	catgcccgcc	gggaggacgc	tcccataatc	180
cttcagctca	tccaggagct	tgccgattac	gagaaggagc	cagatgccaa	caaggccacc	240
attgagaccc	tacaggccac	aattgccttc	gcgccatccg	actccccga	cgccgacgcc	300
tttgtngtcc	ccaccaccga	acccatctcg	ccaacaaaagc	ccgcagatgc	cttttcttat	360
ttcccccgaa	ggtgaagccg	cggtatggca	ctgtntcttt	acaactacag	cacatggngc	420
tcgcgcgcag	gcatttatnt	ngaggacctg	tacgtccggg	aatnaaagcg	cggnaaaggga	480
taccgcaaga	aattgttgan	cacattggcc	aaacaggtca	ttgccatgga	tggaattcng	540
ctcgactggg	tagtctcaa	gggggnaacga	acctacatca	agttntntga	aaacatcggg	600
gcctacctat	n					611

<210> 1394
 <211> 431
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 1394						
ctttcatctc	ctttcccttc	cgacatcctc	tcaacccttg	ggcgcgcact	ctttttccat	60
caaaaaagaag	ccaatctcgt	aactacgaga	tattctattg	cgtttccac	cactctatcc	120
tttctaataa	tcccttttcc	cccttcccag	acggttccat	tccattcggc	tccgtcttca	180
tctctctctc	tacaataatg	tctggctacg	acggcggata	cagcggcggt	ggtggccgcg	240
gaagtggcgg	cggtacag	ggtggtggtt	acggccgtga	tcgcggtggt	gatcgtggtg	300
gtgacccgaa	cggtgggttc	ggangccgaa	acaacqaaaa	tqactacqqa	agaagaagtg	360
gtggttatgg	cggtggcgcc	taacgcggcg	gtgggtggtg	ttacngaaqt	ggttttggaa	420
gtggtgctgg	c					431

<210> 1395
 <211> 504
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(504)

<223> n = A,T,C or G

<400> 1395

ctggacacca	gcacgacctc	cacctgcggg	actgggtcaac	tccaatatgg	tcgtcgcatt	60
gcacttccac	ggtggaggct	acgttatcgg	gaatgggtcg	gacnaagata	ctggattcct	120
ggcgaaaact	cttgtgagat	atatgggctg	ttctcatggt	tgtacaccac	aataccgcct	180
ctcgagtagc	aacaacggac	agtttccagc	ccctcttcag	gatgccctca	cggcttatct	240
tgatctgata	aagancaaag	gcattcctgc	cagtcaaata	attctctcag	gcgattcggc	300
tggggccaac	ctggcactgg	cattgggtacg	atacattcac	gaacacggac	aagttgacga	360
catcccactc	cccaaaaagc	atggctcttt	gggtcacctt	gggtanacnt	cgcanctgct	420
ttggaacagg	acttcaagca	gtcacccaac	tacnaaacna	atatctgaac	atntctttgc	480
cgcncctggg	tgcaactacc	gtcc				504

<210> 1396

<211> 564

<212> DNA

<213> *Fusarium venenatum*

<400> 1396

tgcttgcggt	cgtatcgcc	gcacttgtec	cggcctaacc	cagactcaac	agcctctggc	60
cctcgtccaa	atcccatact	cacgacatac	tatactttct	ttatcgacca	tttcgagcac	120
ccgggtcttg	ttccggcaga	tgccgaccca	cgactgtgaa	agcccgtga	gcattcttat	180
cccacccgtc	ttatcaactg	cctatctcgc	gacaccactc	ctccaaactc	gacatcaata	240
ccaacaacgt	cgtatcggcc	attcataatt	attcatgtcg	aattcaccag	aaaacggacc	300
tgccaccagc	ggtcataaac	gtcctcgaag	cgatgatgcc	gatggagacg	acgccgtacc	360
tcaacaggac	attcccagaca	atgccagcgt	tccaagcca	aagcgactgg	cctgtatgat	420
atgtcggaaa	cgcaagctca	agtgtgatgg	tgtgcgaccc	agttgtagta	cctgttcacg	480
tctcggtcat	acttgccgct	acgatgaaca	gcggagaaaa	gagcggcctt	aagcgtgggt	540
acgtgaaggc	cttcgaggag	cggg				564

<210> 1397

<211> 498

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(498)

<223> n = A,T,C or G

<400> 1397

gaaaaaggct	cgttctgtag	caatctcaat	ctnaaagcac	ccgttgccga	cgteccagtc	60
atcaaaccca	acctacctcc	cgcgataccc	acgaaatccg	ccalcatytc	ttggctcggt	120
gttcaacccc	tcaagaagtt	caacgctcct	ttcttgaagc	cttactggcc	tttcttcgct	180
gcgggtgttg	tcattgccta	cgggtgtcaac	tcgcccaga	acgccatgat	gaactccgcc	240
gagttcaaga	acgacccccg	caaccctaac	gccaaaactg	gtggccacta	agatgttggg	300
aataggaaaa	gggatttcgt	ccaagccggc	aagcataatt	gatccgctcg	aacgcgaggg	360
tagggcccat	gagatggaat	tgtatcatag	aatcgcaaaa	ggggcttaat	tgacctacac	420
atcgatctgt	acgaatttgc	cacaaatata	attgacacga	acqaatacgc	tcaaaagtcc	480
gjatgttcga	atgctgag					498

<210> 1398

<211> 405

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 1398

caggattg	gc	atcaaa	gt	cgccaga	ga	agaagg	tg	ggtcng	ca	ac	ctcga	aga	60		
cactcgat	ac	ggcttg	gag	c	atgaga	acaa	cat	ctg	cac	aag	cagt	aca	120		
ggacga	actg	agcacc	g	tcn	aga	atca	act	gat	gat	gc	ac	atgac	gc	180	
catcaacc	ag	tggctg	gaca	at	gagg	cgaa	ga	at	ttgt	cc	ag	cg	atcgc	ctcncnaaac	240
aaggctc	aga	ctccacc	gca	ta	aga	acact	ggt	gatt	gct	gc	gata	aa	ca	tcgtcgtanc	300
tcaagtgt	tg	cacttc	cntc	cct	cgat	cg	taga	at	ccga	gat	ca	acttc	gacc	acatgc	360
cggatagt	at	gatctatt	cn	agac	cttag	atgaa	agatg	gtggc							405

<210> 1399

<211> 650

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 1399

cgagtccag	c	ccgaata	ca	cttattat	cg	gg	tcaagg	ag	ccgtta	attg	ctttcat	cg	aga	60				
cgctctat	cc	gatttc	actc	ctcaatt	cct	ccc	accca	at	gag	accc	agc	ctacca	agtc	120				
tctcgaa	ttc	ttgaac	gagg	ctacc	gattt	tat	ccatag	g	ctgc	cta	act	ggga	ac	ctca	180			
agcatat	cg	catcaca	agg	agacc	gcata	tga	agag	ata	tcca	agg	cct	gggc	gct	cg	240			
tatcaac	gag	gcagg	caaga	aag	ctgg	ggg			cct	caac	ctg	cact	ctg	gag	300			
gattctg	tct	cgacaca	aatg	aaca	atct	gg	cgg	cgt	ctc	tcc	actg	cta	tcc	acg	ccat	360		
gtccatg	agt	g	ttggat	gga	tgg	gtt	ctaa	cg	aaa	ta	act	gg	gt	ctg	gga	gtgc	ctcaga	420
ctccat	atta	aacca	attga	tg	tcagg	gtc	atat	gg	agct	cc	ag	ttag	ag	ttgg	ac	cctg		480
gtaagg	cacg	ggct	gg	tcac	tga	ag	cct	tt	tcg	ag	ant	gcata	c	tg	ngggg	gcac		540
cggacg	agtc	aact	tcg	cac	atata	acg	ac	cgg	att	catc	at	ggac	gact	ttt	catt	tg		600
tagcata	agt	ggnat	agact	tg	agg	gcg	cct	ttt	ttt	ttt	ctt	ggg	nggn					650

<210> 1400

<211> 392

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 1400

tgcctacaaa	t	aaaat	cata	taca	atgg	ac	gctg	ctcaaa	ca	acaat	ctc	cg	cctg	tg	aga	60				
agcgtg	ccg	caa	acgt	tg	gtcc	acttc	acc	acag	cca	cca	aca	ag	cc	ca	agcc	ctgc	120			
tgtgtg	tgca	agg	acnaaaa	gg	cca	agcg	c	gat	gag	tgca	tg	ctct	ctc	ca	acg	caaaa	180			
gac	cctg	ccg	c	gact	gcaa	gt	ctat	gate	gac	cag	tacc	gat	cct	gc	at	gtcggg	cttt	240		
ggattc	ag	g	ttta	ac	acag	g	aaaa	aa	gg	ng	ag	ant	at	aat	acnaa	at	gatt	cctt	300	
tgttc	aca	aat	tac	gg	ac	cgt	gt	aca	ac	att	aga	gg	g	ata	at	gtana	ata	acggg	caale	360
catgc	at	ttt	ctcccc	aaaa	aaaa	aaaa	an												392	

<210> 1401

<211> 605

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(605)

<223> n = A,T,C or G

<400> 1401

cgccactgga	gatcttgctt	taatcctcat	tttctgcgag	tgatataaac	aaggaggaaa	60
ccctcattca	ttttttccaa	caattttgca	ttcaccaact	taaccttcat	tttttcccat	120
caaaggaata	tcagcctctt	ttccaacacc	aaagaaaaaa	aaagtttctt	actccaccac	180
cacacgcgag	cgactttctat	ctctcacgcg	accgtcacaa	tgaaggtctt	cagcaacagc	240
gttacctaca	actactcctg	ggacgaggtg	tcacagcca	actggacaaa	gtacggcccc	300
tggaacaaca	agtctgagca	tggtatcgnc	gtcgacacac	tcttccgcga	agtcgacccc	360
gcgacaggta	tcttccgacc	gagcgtctga	tcacatgcag	caaaccgtcc	cgatggatca	420
agattttatc	ggcggaccgg	anatgagagc	tcagtgtncg	agccagtacc	tngacctgta	480
acaagacctt	acctggtnag	cagacttggc	tgggcaacct	gtaacgtcaa	nggaagtgtc	540
ttaagctttg	ggacttaaac	cagtantcca	aagccaaatt	attgtttgcg	gggtgnaaca	600
attaa						605

<210> 1402

<211> 515

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(515)

<223> n = A,T,C or G

<400> 1402

ggtatggata	tcaccttgcc	ggtgagggcg	gtggtatcaa	agtgactcaa	ttgcaagtcg	60
gtgctcaaat	caaccccaac	ccctttgtcg	agacgacct	cagctatgcg	ctcacctaca	120
tcgatcgctt	tgttgggcat	cgtcccaatc	acagcttggc	atctgcccgt	ctcatcatcc	180
ttgcagataa	tgactattac	tctcactcgg	aatccgacac	gactcgttca	agtcgtttcg	240
ctaagttccc	cgtgactctg	ggcaatgcc	acaagactgg	gtcttggtct	ttccgctgct	300
cttgtaacct	cactaacgcg	ctcgtccctt	tgttcaatat	ctaaccgang	gtctccttaa	360
caatgatccg	acaaagggaa	agagaacact	gcataactta	actcaanggc	tgccactgog	420
ctggccaagg	taaaggttgg	tcaaggtttt	gatggttgca	acggtgtcta	agggtnnttc	480
aagtaaaagg	ggctntctcc	nggcaagctg	nacaa			515

<210> 1403

<211> 1161

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1161)

<223> n = A,T,C or G

<400> 1403

agggaccccc	ctccaaaaac	cacaagaaga	gatcaaagcc	ggccgatcta	ccaacaaatg	60
ggacactttag	cccccaagaa	aatqqaqaac	ataaccatcc	cgccgaccaa	catcctccgc	120
ctaaaagggg	gaaacacogt	tttccacaat	ccgtcagctc	ccauyccccc	aaacggagcc	180
cttcttaagg	aagtgggcga	ccaaataactg	tcctatcctcc	aagccctgct	accaccccac	240
cagacctccc	cgaagatttt	caaattccac	agtactccca	aggggttttac	aacttgtaca	300
atgcaagana	tgtccccgac	tgcacaaca	atgccttggc	tagcctcgct	attccacagg	360
gttatctcgc	tggcttcgcg	accccaatac	gatgaggagt	gaagttggca	gacgcacatc	420
ggatgtttct	caaaaatccat	ccacccaatct	ggaagctaat	nancccaacc	ttgaagtccg	480
tgataaccaag	agaacactgg	atgacggcga	ggctctcaga	tggaggtttc	tgaaatccag	540
cacaccaatt	gaaaaggacg	tgctcttagt	ggaactgaat	ggtgcaatcg	gtttccaaaa	600
agactattgc	gctgaccacg	caaattctctg	ggctgacctc	tcttctcctc	tcccttttgt	660
tttctttcac	cctgtccttc	cgttgtatat	cgacacacga	caagaangtt	cttttagctcg	720

ttacgtacgc	aggagttgca	aacccaatgc	ccaactagac	acatatcttt	ccgacgagag	780
cgaatacact	tctggatcgt	cagtगतang	cacatatccg	ccaacganca	aattacctac	840
cctgggactt	tcgcttagan	aaaaatgtgg	atgctcgctg	gcttcacctt	cttggtttga	900
gcgacgacga	ttcctctagc	cacacagaaa	tgcccgtgga	tgacacagag	tatatggcga	960
tatcgaattg	gatgagccgg	atcctctcaa	aatatggggg	ntgtgcgtgc	gacctggata	1020
acaactgtgc	gttcgcacgc	tttcacgcgc	agtatnttta	tttgaaacaa	caagtgcgtg	1080
gccccgcaa	aaaaaaacaa	agaaagtncc	aaacacangc	tnttttcccc	accaattcca	1140
gganaaaact	gttcttacc	a				1161

<210> 1404

<211> 771

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 1404

aatcaagtcc	aaacttanaa	acagaccnct	aagccntttt	ctntcctnta	atcgccggta	60
acagccctcca	gaattttccat	aacctcctcc	gtcttcgtga	tcttataagc	attggctcttg	120
atccagatgt	cgttcaagct	attcgacga	agaccgggga	gatgatcaga	cgttattccg	180
acatccttca	acgacctcgg	catgccccac	tccctaata	tcaagccgag	aatgtcggcc	240
aaatcatatt	ctttatctac	cattttcagt	ccattcatga	gtgactttac	gggttcctgc	300
ttcaaaaagga	tatccagcgt	acgtttctgc	tggctcttgt	tgactccctt	gtcggcgctg	360
aaattgcaca	ctgctggaag	catgatgcaa	ctcgtctcgc	catgcccga	acctaaagga	420
ccaagctgat	gaccgatagc	atggctcgca	cccaggggta	cgccagtgga	tactgcgtgc	480
atggcttcta	caacacctgt	ctgacaaaaga	tggcgagcat	ccagatcctg	cgggtcatgt	540
ttgcatcgca	gcagcccggg	tatcaactgt	tccagcccat	gtgccgctgc	ttcgtcacca	600
tttttgggtgc	tttgcaatga	acacaaaagt	ctcaacacaa	tggtcacaaa	gctctaattgc	660
cagtactgag	ccagatcttc	tgtgggggtg	tagtagttaa	ttggggatcc	tgaatgacaa	720
agtcggggtc	gactttgggc	tcgaacgtga	acttggncct	gttttcttgt	c	771

<210> 1405

<211> 365

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(365)

<223> n = A,T,C or G

<400> 1405

netgacatcg	acgtaatcgt	ggnatgtgat	natctccttc	tcantatcga	tctgagcgtt	60
gatctgggga	acctctctgg	cagccntggg	ggtggccttg	gtgaaagcac	ccatgtaacc	120
catacgcaen	centgctcct	cggcgacttc	ctccttgtag	ttggctctcc	aggcgatcag	180
gttgggtcatg	tcgacttctt	ggatngtggg	ganggaggcc	agtgttcttg	gatgcttgag	240
ggggggcaat	ggttcgttcc	tnccggacatg	tctccttgca	naccgatcaa	tcttcacatac	300
nantactgnc	atgaatatta	cantcgctcc	ctcgggtggg	caatlnccctg	gaggacagag	360
gcttg						365

<210> 1406

<211> 433

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(433)

<223> n = A,T,C or G

<400> 1406

cgatctggta	gcttcgcat	agggttacgc	acccctgtgg	attgttggct	tggaaagcac	60
agacaccgag	gaaccgtaac	agcagttaca	atgtcaggta	actggagata	caaagaatac	120
gactgggtag	caggaccggg	tgactatgtc	gtcgagaacc	ccggcacgat	ccatacactg	180
tttatgggag	ctgggtctga	ggtgattttc	accatcacgg	gcagtcttga	attcttcaac	240
gatgatgata	gtttgaagga	gacaatggat	attttcagtt	tgcgcagtt	gtattacgat	300
cactgcgagg	aaaaggggtg	tgaacccaac	aaggggtctg	ggtattagan	gatcaagatc	360
agcgcgttca	ttcaatttta	tcactttcgc	tcgataatth	tctatagctg	aaatgcgtcg	420
tatttaactg	ctc					433

<210> 1407

<211> 376

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(376)

<223> n = A,T,C or G

<400> 1407

ccccngccc	atttgtatna	aacttcacct	cgcttgtact	gaaatggcac	gaactcaacg	60
ccaaccgtac	cgtgtatatt	catgagcttc	acaagagata	cggcccagtg	gtccgtgttg	120
cgcctaacga	agtctntttt	acogtcaatc	gctgcatcaa	aganatttat	ggctccgggtg	180
gcagtggata	tgacaagacg	gaattctaca	atctctttca	ggtctatggc	aagcggtagg	240
aatgctatta	catgttgata	cactagttat	gctgactctg	gataacatan	aaccatgttc	300
tcaccttgg	ttaaaggcgac	cacncaaagc	gacggaaaat	gattggcgat	cggtatgcc	360
acagtaacgt	gatgaa					376

<210> 1408

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 1408

ccgcaggaat	tttttttttt	tttttttttt	ttttttgaag	aaaacaccat	acattacgcc	60
atgacacaat	aaatatccta	caactttgtc	acagtctcgt	cggcaccagc	ttcttttagcc	120
aatgcccagg	caaactcagc	caaagatccc	ctcgtctcag	catgctgtct	cgttttttca	180
ctgctcgtct	gtctaagcgc	ataacgcgct	gcaatgccct	gacacacacc	cggcagcttc	240
cagatgctaa	acgacatgcc	ccacggcacc	tccggccgag	cgtcgtagcc	aacttctct	300
gggtncact	ccagaatctt	ctccggctgt	ggaagaacat	cagtttttgc	ggggangaat	360
cagatgcac	cgtatggagt	tgcacccagg	ggattttggc	gaataaaatt	ggtcaadaaa	420
ttgagatat	cnghaaaagg	atggccgatg	gtagacatcc	ccaatccaal	atccaatcac	480
tctangctcc	gtcttgtgaa	acaccaagtt	atcaatcttg	ttatcacctg	ganaaccttg	540
ccgggtcctg	ggntgcatcg	ccatcthaaa	aaacgaaatc	cctccaaa		588

<210> 1409

<211> 762

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

```
<400> 1409
ggagatcggt ggcgagcggt agaaccaggt cactgaggtt gtggatgttc ctattgagaa      60
ccatcgctcc ctcattggtc gcggtggcga cactaagcgt cagcttgagg ccaagttcac      120
cgtctccatc gatgtccctc gacaggggtga tggcaagacc ggtgtcaagc tgactggccg      180
acccgagaac gtggcggaagg ccaaggagca catccagggg cttgttcagc agcaacaggg      240
cgagaccatc aggtttctcgc aacctccacc actccatctt caacggtggn caagttcttt      300
cgtcagcttc gaaacaacta ctctgttnc tttgaccacg cttgntcaaa cttttccgcc      360
aagcctgact ttntactcgt tncaacgtcg gagctctgcc tctgatcact gacgatgacg      420
atgccagctc tgaggctcac tegtgaagg ttgttcanat tgatgctggc gatgatgggtg      480
atttcccttg ggttcttctgc ggttcatccg agaatttcga gaaggccaag gatgctattg      540
ccaaggccct tgagcaggcg aaaaagagcg acgcttccgg ttattttgtc ctccccgacc      600
cttgcactta ccgacatgtc attggcccca acggttcaa ggtcaacgct tttcgcaagg      660
agagcgactg acaagatcca ggtccctcgc gaccaggcca aggatgaagc cattgagatc      720
gttggaaacta aggaaggagt tgagcggggc caaaaggggg gn                          762
```

<210> 1410
 <211> 630
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

```
<400> 1410
aacttcatca tgccgtggaa agaccatctc aagcgccctc agaatgaatt cgaatatcta      60
gtcgggtgagc cacaagctca aaaccagagt cagaatcagc aacattaccc cccaccgctt      120
cctcctcccc aaggccaaca gcccatgggc cagaaccagc agcaaggaca cgtctactgg      180
cagccccaat tccgccccga cgcacccggt tctctctgag gggacgcaaa gatcggtaac      240
ggccccgatg gctggggtaa tcaggagcta cagtactaca ccgccgatca acaaaacgcc      300
ttccatactc cagatggaaa gcttggttta cgtgccattg caaacaatgc agagtctgat      360
catgagaagc ggtatacctc tgctcgactc gtgagtcgca gacgctctct cgcgatcaag      420
gcgtctctac cgctgtctac ttgcgccatgc gcgacaggtc tctggcctgc attctggctt      480
cttncgnagg agcccttttc tggccactga ttggagaagc gacatagcgg agacgtggaa      540
cggcgatatg gagaacactc gtgttttcac tggggacacc atcatgaagc cngacaagca      600
tngcgtcttg gcacccaana ttccgacatg                                     630
```

<210> 1411
 <211> 657
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(657)
 <223> n = A,T,C or G

```
<400> 1411
gattttatga cccgcgcgca attgaggggc cgattttacgc ttccagaaagt gggctgaagg      60
aagctatctc tatcttgact gttaccgtac gtcaattctt gagcctcatt taaccaacac      120
aaattttacc ccaaccacca tttacaccca ttccactacc cagacatgga tatccagactc      180
ctcacaaaag cagacttgcc cctcatccag caccgaaaacc tcgagaacct tcccagagaac      240
tacttctctc agtaactacct ctaccatgcc ctctcatggc cccagctgag ctacgtcgcc      300
gtcgatgtct caaggcccaa gaaggaccct tacgagtacc ccaagattgt cggatatgtc      360
cttgccaaga tggaggagga gccttcagac ggtatccctc acggnccatc caccagctcg      420
```

agtgttatgc	gcacacacccg	aaagactcgg	tattgccgag	aaagctgatg	cgccagagtc	480
aactcgccat	tggtcgagac	attccaagcc	aagtaccgtc	ttcctgcacg	ttcgtgtctt	540
caacgccgca	gccgttatnt	ttacgagaac	acactgggtt	tnaccaacga	gaagaaccgg	600
gtccaaatac	tatgccacgg	gaaaatnctt	tgatgcgtta	nactnggggn	taanaaa	657

<210> 1412
 <211> 595
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 1412						
ggaaaagtaag	aggggtcgagc	tcocgctttg	cttgataact	tggtccaggc	tatcttccta	60
gtctcccatgt	ttgtgtggct	tgaaatcctc	ttcaagtttg	gataccgacc	tgagctccga	120
gcccgtgtca	gcaagaaagt	ccagattgag	gtcgagaagt	tcagggtctaa	gaacggcaag	180
gtccaataaa	gcagatttat	agccaatttg	accatcgaga	caaatacagt	tctgatgtgt	240
aggaatacac	cttagacacc	gtcgatcgat	gatcagcgca	ggatactcga	atcaaagtgg	300
tcgtggagtc	aatggatgta	atgaaggaat	tatagactac	accaccaaag	agaagtggta	360
tttgtgatct	cattccctgg	cttcgctcac	gtacttgggg	ttcccaagag	cagtatcgat	420
tgcttatacg	gccgccacgt	ttgttgccct	gangttcacg	tcaaaaccaa	tatgcatatt	480
taggatgaaa	ggaaggtctg	aatagggtca	ggccatattg	gccggtcaa	cattgcacaa	540
gtgtcaggat	tgtgttattt	gcaatttaaa	ttagcaatta	tcatcgagca	tttac	595

<210> 1413
 <211> 752
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 1413						
gcaaaaaggt	cacctcaagg	gcgacgatcg	taagaaggac	cgtatgtgcc	ttttcaagca	60
attgattcaa	ggcgtgtact	atcttcatgt	caacgggtatt	gcccaccgtg	acatcaaact	120
tgagaatctt	ctcattacca	aggatagcaa	gtcgaagatc	actgatttcg	gtgtgtcaga	180
agttttctgt	ggtacccacc	cgggtcttcg	tgaagctggc	ggacaatgcg	gccgtaatat	240
gggtggcgaa	acccgcctgt	gtcacctgg	tatctgtggc	agtgaacctt	acattcgctc	300
ccgaagtctt	cgctaagaag	gaatctttac	acccccgagc	ccttgatgtg	gtggaagctc	360
tgggcgattgg	catgattttac	cttacctttg	gaggcgctat	ttgggtccca	agcagagcct	420
gggggagctt	catttaccga	caagctttgt	caacgggttg	gaaataaaaat	ggtatgcgaa	480
gcattcagag	agcgacgcct	tcatcagcga	tagtgattac	cctaaatggt	acccctcgac	540
gttggcatga	gcccgtgtct	ttgcgcctgt	tgtcctacag	atgctgaacc	cagacccgag	600
caaacgtatc	ggaatcgacg	aagtcatnaa	caaccgctgg	ctgaaaaacg	ttgagtgtctg	660
caactcgaat	cctatgacac	cgggtttact	natngatgcn	ccaaaaaaa	caactcataa	720
tggaacaacaag	aaaaacttntg	tataaccact	tg			752

<210> 1414
 <211> 597
 <212> DNA
 <213> Fusarium venenatum

<400> 1414						
cgctcttatt	cagcttgaag	accaggttac	atagataaat	acctgagagt	acaaggccag	60
gttgcttctt	attgaagcct	cgttttcttg	tttctctctg	tgatattgtc	tcactatct	120

gatcattttc	gccccaaatta	aaatgtccta	ttcggtcaag	gatcgttttg	cagttgttac	180
cggtgggtgt	tccggtatcg	gccacgcact	tgttcgactg	cttctcaacg	caggatgctc	240
cgtcgccatt	gctgatctca	agcttcgccc	tgaagcccaa	gctactgtcg	acgaattctc	300
ccaatcctcc	gacggcaagg	gctcggtttt	cttcacacaa	accgacgtct	ccgactgggc	360
ccaaatctca	gccctatgga	atgctaccct	cgaaaagtac	ggtcgaatcg	atatactggt	420
taattgcgct	gggagtttat	gaagcacccg	gactctcctt	ctggaacccc	cccgtatctc	480
gcccctggct	gaagaccgga	agatgcc				507

<210> 1415

<211> 970

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(970)

<223> n = A,T,C or G

<400> 1415

caaatcgcaa	gaggctccgt	gtcgacaaaag	atgggtggctt	ccaagatgac	actccgatca	60
cttcagagtg	ttgagcttga	agagttgccg	gaagcagaca	gaagttgcgt	tatctgctac	120
aatgaatatt	gtgtagagac	tctgaggggt	gttaaagaag	cccctcttcg	cttgcccaaa	180
tgcggacaca	tttttggtga	ccactgcac	aagaaatggt	tcgaagactc	ggatagttgt	240
ccctactgtc	gagacaagct	tcattgcggaa	ccaaagacac	aaggcggcag	ttctgctagg	300
gcattcatga	atctcatgag	atctagaggc	atcaatcccc	gactggcagc	tcaacaattg	360
ccggatgagg	tgttggtcca	tctcagagct	caccctacag	gtcgggaccg	acgaaatggc	420
tctccgcctc	acgtctgaac	agcagcaaga	agatcgccac	caagagaagg	cgttgaacac	480
cagcaccgcc	gaactagagc	acgtcatgac	aattcaaaca	cacacaatgc	tctatcgatt	540
cccgaaatccc	gcaacccgag	cagtttccat	ggagacaccc	cgacagccca	ctgtgcctgc	600
tgntgaacta	cccttcattc	ggccgcaacc	tgaacaattg	ccaatggaaa	gacaacccca	660
ggaatgggga	cgaggctcag	ctcaggatgc	cgaatgtagt	gtcgacgtca	gcccagatc	720
gcaagcgag	anattcaatt	gcctccgcgg	ttttgccaga	gctatcttca	tatnctttac	780
aagatgcgca	ggaccaaacgc	ccgagagcta	ggactcttcg	aaaccctttg	caagtgcaga	840
ctggttcgcc	ttaccaaaagg	tctgggaaac	aacgaaaccg	caccagatat	gccataccac	900
tcaaaaataaa	aggnggtagc	ttgtcccagg	gngcattcga	tgggaatagg	atgaataacg	960
caggagttgt						970

<210> 1416

<211> 551

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(551)

<223> n = A,T,C or G

<400> 1416

tatcgggcgg	ggtggctgta	accatggcac	atcttggtgac	atggccaatg	caggacatgg	60
caaggctgca	ggttctctgt	ggtcgcaagt	caagactcgc	gaccttgact	ntatggaagg	120
taaagatgga	aacccagcaa	caggatacat	gtccaaactcg	cctgccccgc	ctagccagac	180
ctngttcgaa	tatggacaga	accttaacta	tgcaggatca	aactctggat	actcccagca	240
nggtagntac	aacgtcctcc	cgccgnaaca	atnatacggg	ggtggntatg	goggacctcc	300
tcagcctcag	tacggagctc	ctccccagn	acattatggc	ggcccccaata	tggagggcct	360
cctcctcaan	aatatggagg	ncgggggtat	ggaacacccc	ctcctnanta	tctccatac	420
ggccagccag	gctatggngg	accttcttct	ggcaacccaa	cttctctggg	tggggacaaat	480
atccccggnta	caccacggat	actaaaggaa	acatgatggg	aaataggagc	gtgctnttat	540
atatgaaacc	n					551

<210> 1417

<211> 810
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 1417
 tatggcctga ttgtnatctg aaagtnocgtc cctgttcctt gtctatctaa ctaagcattg 60
 acttgcttta tcttctctct cactcatcca aagatacccc cctagcacct gatttcgctt 120
 ttgatcttct ctctcttcat ctcttcgatt aacaaacaac acatcaggca atctggacga 180
 catcatcaca atggctgcta ccaccgagca cagcgagcaa ttgagcgaga agcacgatgg 240
 tctcaacgga aactttgacc ctgaggetca gcgtctcgag gcattgagcc agttccgaac 300
 agcacagagt gttcagatga qccctgagtt gtttgagaag ctgtaccttt cgccaatgaa 360
 caaggtcaag ggtgatcttc gacagacgtt tgcaaaccca acaccaattg ctcttggttg 420
 cttcttgctt gcccttaacg cctgtctctg tgatctcatg ggctggcgaa gtgcgggtgg 480
 cagtgggtgt gcttcaaacg ccgtgtacat gtttatgggc gggcttctca tgattatcgg 540
 tgggtgtctc gaatggggtc tcggcaacag tttcccanct tgtgtctttg ctctttcggt 600
 ggtttctggt tctcttatgg tggcactctc atcccgccct ttgctacata cgctctttat 660
 gctcctgccg atgctcaatc ctgcnnaag cctgctacac aaggttcaat gctagtctng 720
 gatcnggcc ncttatgggc tcttgcttat catcttcttg ctggcgccct cngaacaaac 780
 gntgtcttgg caagactttt ncactttgac 810

<210> 1418
 <211> 524
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(524)
 <223> n = A,T,C or G

<400> 1418
 gcgagagggt taccgaggct tatacaaggg tctgacacct aacctcctca aggtcgcacc 60
 cgccttgagt atcacatggg tgggtgatga gaactccaag agaatccttg gattgaacta 120
 gtctgtccag ctacgcatca gacgaaagaa agggacaaaa gacatgagac tgaggaaacc 180
 ttcccagttc tcacaaacaa cattttactac ttactataca tacacacgca aatttcacat 240
 caacattcag gaaagcgggg gtcttagcga ttggatggca ttgcgttacg acggagggga 300
 atcttatggc gttgaaagga ttgatataac agatgaaagc ggttgacagc cattgccaat 360
 gaacagagtg gtgtttcgaa tagcaccacg ctgtattaaa ctacatgttt ctcatctttc 420
 aaggtggaag ancgatggct agaatttggt tgaacatgta tttgttcaaa gacgagatag 480
 aagagacgaa gtggtctcat gaagaataaa tcaagtttct tttt 524

<210> 1419
 <211> 326
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 1419
 tccaccgcaa cgctctcgag cccctctgtt accctctgat cgacaacctc gaccttgcca 60
 togaccctt cctcgagaag acctgcgac tctcctcgag gagcattgag tcgcaactaca 120
 ccgacctcaa caacttccaa tactaccagc gacaactcgg tcgtgagcag accaagatca 180

cacaatggca	ggccaaagcg	caagaacgaa	gaacgcccag	cgtgctgntg	ccaagcagga	240
gcctnttccc	gaggatgagt	ggnaacgact	tgttaaactt	tcttnaggag	cttaccgcac	300
tggagggtnt	tgttgaatgc	caaaca				326

<210> 1420
 <211> 616
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 1420						
ctactatata	catatacatg	ccctcttcca	ctccatccat	tcacccctcc	tcttactatc	50
ttacctactc	caatatttat	taalccttca	cttggatcgl	ggatcaccca	cattgcttgg	120
catataataa	atactatagc	ttctatttct	acgctacaat	gggatcaggt	agcttgccct	180
ctcctccagc	tgaggatcaa	aaatcgaccc	tctctcgaaa	aagtacatct	tcaagtacca	240
aatcgggtcaa	gcctgtgcac	cgcacctcca	agcgagccag	ctcaagtgct	gctacaattc	300
accaccacga	tcattgtcac	catacaactg	gcattggacgg	tcgacacaag	cgtgtgtgga	360
aagcttgtga	gcgatgtcgc	atgaaaaaaaa	caagtgtgac	ggtgaattcc	cctgcaagcg	420
atgcaaggat	gatggtctag	tttgtactgc	tggtgtncga	aagaaaaagg	aatacaagca	480
gttgccctcga	agttaccoga	aattctcgaa	aacactcaat	tcgctttaat	tgctaccggt	540
cacaagcttt	actcaatggg	tcgaaacaac	caatcctggg	accttggcga	ncccgatta	600
aacaatgcgg	caaccc					616

<210> 1421
 <211> 467
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 1421						
ctttnacatc	nccaagattc	ccgtgggttac	ccgggagcag	gctgatgcgc	aggatcgatc	60
taagaagctg	attgccacta	ctnctaccct	naaggccccc	aagggttgcc	ctaccaaggc	120
cacagggtgc	gaggccgttg	cgactgcctc	tgctcaggtc	caaaaagtag	ctcaggagct	180
tatggagatt	cccagatgac	acgagtttgg	cagtgtgctc	aagtcttcgg	ctnttatcga	240
gcttaccgag	gccgagaccg	agtacgttgn	tnctctggca	agcatatctt	caaggagcat	300
gttggtctcc	aatcgaggtc	aagaacacct	tgcccgcatac	cgtgctcgag	accgtttaat	360
cgtcgtaacn	cctgctgatg	acnaggactc	gatgagnctt	catcatccaa	gctgngaagt	420
ntcaacttgt	gagcctggca	aggcttcgng	gcctttanaa	anatggc		467

<210> 1422
 <211> 614
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 1422						
ctcttttgtt	taattcagcg	gatttgtctg	tctttgtttc	cgacatctat	acttttcaatc	50
catcgcttca	gagttgtggc	ctacgtttcc	ttctcagcct	ctataaccaga	gtagccctgg	120

gctctctttg	aaccgtcaag	atgagttcag	actactctta	cgacgagcag	ggccaattct	180
ttcccttctt	tatcctcaca	cttaccggga	tcgctactct	tccccttacc	tacacactcc	240
ttcgtecgag	tgcgagcgat	gatgcgctag	cgccgcgaat	caagaccgac	tacaagccag	300
agcatgcggc	cacagtcgac	tccctcaaga	cagcgcggaa	gcgcagccag	tggagggtca	360
agcggggccat	ctttgtggtg	ttcggtctggg	ccctcatggc	tggcatggcc	tacctcatcg	420
tagttacgca	gcgaactgtc	cccaagcttt	acaaccctta	cgacatcctc	ggcatctcaa	480
agtccctcaa	tgagaagcaa	atcaagtcgc	actacaagcg	actttccctc	aagttccaac	540
ccgacaangg	tcgccctgac	gccgccaaag	aatgaaaccg	tggaatctct	caacaactac	600
tacgtcgaac	tcac					614

<210> 1423
 <211> 379
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 1423						
agcctgtccg	acttcccagg	cgtaacattc	gatgtttattc	tcgattttgt	tgggtgcacag	60
aagacgggtcg	aaacggcagt	atcaatcgtc	agggatgggtg	gcactatagt	tctgggtggg	120
ttggcttcgt	cgcgatttca	actaccaact	gcggatatag	ttaccagaaa	tctctcacta	180
aaagggtcaa	ccagcgcaag	cattgatgaa	ttcggtgagg	ttttggaact	gctaagttct	240
aaagccttga	cgccacagat	tcgagagatt	ccctttgagg	aagttcccag	tgcccttgag	300
tcactgagtc	acggcggaag	cactggtcgn	ctttatacta	gaccttgaga	tatattataa	360
atacacttat	cnggttaac					379

<210> 1424
 <211> 500
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

<400> 1424						
ccaccttgct	ctcagttctta	gtcaacaaat	gaatacccg	cggtctttca	ctactgcatt	60
caagaccctc	aacgtctntc	ttacaaaatc	acattcactc	cttccaatct	tcggtccctt	120
cctcacacat	cgcacaatgg	cttcagctgc	tgctaaacgt	ctcaccggca	agactatcct	180
tgteaccggg	gcctcctccg	gcacgcggcg	ttccactgct	ctcgagtttg	ccaggaccgc	240
acccaagaat	gacctacgtc	tcgtttcttac	tgcgcgccgt	ggtgactctc	tcaaagagct	300
agccgagcaa	atcaaaaagc	gaggtcgggg	aatggcggtc	aaggttcttc	ccttcaaagc	360
tggtatgtcaa	caactctgcc	gaagtgaan	agcattggaa	aaaacttggc	cgaagaggng	420
ggangaacat	tggtatgtct	ttttaacaat	gcaggccttg	tcaagggcgt	ggcttcggct	480
ccaaaaattg	ntgnnggaggt					500

<210> 1425
 <211> 262
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G


```

<400> 1425
cctccgcgtg cggttacaca ntcaagatga ttcaattaaa gacaatgctt aactgcatcg      60
acaactnggg cgctgccctt gttgaatgcg tcttggtcgt tggccaaaag cgacatgccc      120
gaatcgggtga ccgntnecgtt gtcgncgtnc aggacagcgt ggtagctcct tccgngngta      180
tggctggtnt tttctgnccn caacaagtca ancgagggtga cattttttcac cccgtcntng      240
tccgaacctt gatnccntac aa                                           262

```

```

<210> 1426
<211> 632
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

```

```

<400> 1426
ctccgcacgt tccctagcga tcttctccgc ggttttagac agaataccgc gcgtcttcca      60
gaggtcatat ctctgagcgc cataaaggcc tttttcgcag accttggtgct cggtagccga      120
accttttaaa accctcgaaa aaaaaaaaca tccagattcg agagcggggc attttttctt      180
gcacccctcc aacaaccaca tctcgcccat catggcacc tctttcgacc accttcgcga      240
ggccgacctt gacgatgacg agttcaacga tgatgatatt gatattctccg acctgcgaga      300
gagattcgag gtttccctag accaaggcta tgacaacttt gtcgtcatcg acggccttcc      360
ccaggtaact gaggaccaag aagcctaagc tggtaagtt cttggtgaag aagctcaaca      420
cagtcggcaa gacacgcgag gactccgtac acatgcccac gggcgacgat ggaaagtctc      480
ttcgattcgc ctttgctcag tactcctcaa ccgccgaggc tgccgcgcgt actcgccagc      540
tcgacctcac tctctcgcac aagaagcaca ctctccgcgt caacaaagtt cancgatatc      600
gaacgctaag gacgagaagg nccgcattga cg                                           632

```

```

<210> 1427
<211> 554
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(554)
<223> n = A,T,C or G

```

```

<400> 1427
cccgagttca ccatgtgcga gttctacagc gcatatacca acttggaaga cctgatcaag      60
gagactgagg agattttgtg cggccttget cagcactctc aagatcttat ctccactgag      120
ctgacagccc ttctctccat tgacatgtct cgctttgtcc gcccttcaa acgagttgag      180
tttgttcccg cactccagga agctcttggg actgcgtctg cctaagctct catcaccaca      240
tgctttacca gaagtgtctg ccatcttgaa gctcgctaac atccangtcc ctggtgaagt      300
gectacatca ttggccaagc tgcttgatcg tttggctgcc atctattgga accatgttct      360
tcacggagcc gtcttattat gaaccacctg cttgcatgtn aacttgcaa aaactcctat      420
gcccgcgagan ttccactctc tctgtcanca aactttctcg gtggtgcaat ttggcactnt      480
ttttaaagaa anaaccgaac ccnagggcat tgttgaaatc aaatcnctca caqaaqaaac      540
ggttggttga ctcc                                           554

```

```

<210> 1428
<211> 587
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(587)

```

<223> n = A,T,C or G

```
<400> 1428
ccaggggtatt gtaggggggca naatccaaga ttgcgcaacc cctcgatcat ttttaacact      60
tcatccccta aactcacaaa ccgcttcttg gcttttccat actagctgng ggtttcgact      120
aaatagccat ggcgcaacga ttcggcgctt cgtcgcttca tcagcgtgac tcgcgtagcg      180
ctctcttcga ggatacaat ggcgacgcag cctcgcgacg acctgtcagc gcaagcccca      240
accgaggata tggctacggc ggatacggcg ccccttctcc ctctcctnta ggacagggtg      300
gtttcnacag ttacaggccc gcttnatttc nctctgcgac accgaacaag agggggccaat      360
atagcgatgc agttctcaac gagcttgaga gtcanaacga tgcgcagggtg gaggggtattc      420
tgggcaaggt caaggttctc aaggatatga ctgtcgccat cggagacgag attcgcgagt      480
cctcagcgtt ggcggganaan atgaacgata ctttcgactc gactcgtttg cgtctcaggg      540
gcactatgaa ccgcattgctt gtcattggctc aaccactggt tgnngga      587
```

<210> 1429

<211> 586

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

```
<400> 1429
cacccecaac tcaactgagag atgttgacga ggggtttgat gactcttttg ggtgcagatg      60
ggatatggact ttccactctt ccctagcagc aatgggtatgg gtcaaagacc aatgactatc      120
agccgctatt tggcgagatt ccagtgcca atatgggctt ctcccaaaac tctcaggacc      180
tttccaaatg gactggtcta ccgtttgatt tctcgcaaaa ctttgactag gaagtcgatg      240
gtttgcccag atattacaat aacgagtaaa gggggactta ctcaaattgt ataatgtccc      300
ctaaaaattg ccaaacaaat tttggtttga tgagatatga agcttttatt tataggccac      360
ccagtgcggg gataaggtct ttttnatggg attgcagacg tttgcttgct cattggggaga      420
tcgctttctc cttgagaatc acgaagaaga ttaggccttt taaggctgtt gttttgtttt      480
atcttccacg tggaaaggag gaatnatngc cctcgaattg ggtatctggg aagcgccaca      540
ttgtcatnat tcattntccc accacaactt cagaaccgca agtttcg      586
```

<210> 1430

<211> 389

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

```
<400> 1430
ngcctagaac naantccctt gaagagcttg ctaatccgtt agggatacta aaatatgntt      60
ntttttnaat atnccgcccc tgctactcnc acgngacta ggtaaaagctc ataattatat      120
gtggggggggc tgcctttatn taaactaacc caaacccttc cqqqqctaca ccaacaatt      180
agtaatttta gataaaatat gaatttlaac ttagggtctt ttttaanagg aatcttaggg      240
tttggtttta atngaaaaaa tataatatta aggcttattt ttattgaaan aatgcttttt      300
atctattaca ttcttaatat ttgggaangt cttggccaaa ntccatgaaa ttaatagggc      360
aaacgggtgg ncattttacat taattggtg      389
```

<210> 1431

<211> 586

<212> DNA

<213> *Fusarium venenatum*

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<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1431
ctccagccgc tcaacagtga ctttttctga gctccatcca gccaaagtcgc agttatcaac      60
tcgacaacgt cctgatecct caattgatcc agcggcaatt ccataaccac gatgttgtct      120
cgagctctcc gactccccag ggctgtgect atgcgcacca agctcgccgc tcccgettat      180
accgctgttc gctccgtcac caccgacgct gcctctgcgt ccctgagcca ctacgtcccc      240
aagtccgatg acgagccttt ctccgtcaac ctccagcgatg agagcttcga gacttacgag      300
ctggaccccc ctncctaacac cctggagggtg accaagaagg agttgaagga tatgtaccgc      360
gagatgggtg tcacccgtca gatggagatg gcggnccgac gtctgtncaa ggagaagaag      420
atcgtgggtc tggcatctgt ctaccgacag gaggctgttg ccgtgggtatt gagcatgcca      480
tactaagagg acacatatte cgtacgtgc acggtaacct tttcgngngc ttgtccaaca      540
tatgggaact qtnqccacta nggtttttat gnaggnggtc atgcca      586

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<210> 1432
<211> 308
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 1432
aacaactacc taaccaacca ccaaacaatc ttcacaatgg ctggcgactg tggctgctct      60
ggtgccctctt ttgcaactg cggctctagc tgctcttgct ctggctgcgg caaataaaca      120
acttggtcct ttgatcaact gaataccaca tctattccag gccagactg ggggtcaaga      180
tactatnttn tgacgacaaa tcancggacg gagtnatgaa nggcggagtt ganatcatga      240
tgtgattggg atatgcgggt ggatagctac aatttaagct caaatactat ccttgttgta      300
ctgttgag      308

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```

<210> 1433
<211> 499
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

<400> 1433
nccaggcagc ggcagctgct gctgctcaaa acggagggtcc cgacccccag ggacctgatg      60
gaactcctac ctcatcctac ccggtctcac ggctgttca gctgcctccc atcggtatcc      120
agcctgctca gtacccgctt ccaccatcgg cggttctcca acagccactt cccgattaca      180
acccagcgcg tatgtactcc aattaccagc ctcaactcgc ctatgcgcaa cctaccaqqq      240
cattttcttac caatcaaaag cgcaaccccc aagccactaa gtcgggggatg gtcaaccaag      300
gatcaagttc tagaagaaga aantcattaa aatcaggatg gaaaaagaat acccgctgtt      360
ctatatggga actgcgctgg tgtctttgal cttttgcata natgcanact tgacctgtc      420
ttngacaacc cgtngatttn ggatnatgga actcccatgc gaatccttga ttcggttnatt      480
actctctatt tcaaaatgg      499

```

```

<210> 1434
<211> 609
<212> DNA
<213> Fusarium venenatum

```

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 1434
 gccgccaagc aacaccaaac cgtgtcacia ctgccgtcgc cgacgcctgc gctgcgaccg 60
 ntcattggccg acatgccaca aatgtgcggt ctccggggcag gaatgcctcg ggtatggcaa 120
 gggttttcgtc tggacgcaag gtattgactc tcacggcaat gtcaatccgc ctccggggccg 180
 gaggtacccc gacgacactg attcttccgc ctctgcctcg cccccgggac attatcatca 240
 actgggtcaa ggtcaacatc acgatcgccc gagaccccag cctcaacctg actatagcga 300
 ccagcaccca ctggcgcgct tgggtccaaca agcacaacag gctgcccagg aggcagagga 360
 gttgaagcga catcagcaac agccgacccc acgcaatgac gaatctgcat cctcgagcga 420
 tggcaatatg ccttggcctt ctccggctga cttacagatc cgttgttcca ggatcttgac 480
 cgcacatngg gattctacct agcgcatttc tccgaaagcg tttgnaanga tctcgtggtc 540
 ccaaaaacac ctgaaagtaa tncattccgg gagctgatcc ccttgacacg gaacnccccg 600
 tttttttttt 609

<210> 1435
 <211> 972
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(972)
 <223> n = A,T,C or G

<400> 1435
 gaataccggc gctgccgagc ctaggctcat tgaacctctg cctccgaccc gcatcgaagt 60
 ccgtaactcc caacttccca cccatcgctc agacggccaa cctttcccag cgcgagaaga 120
 agcgcaaggc aaagcaagac ccatatcgat gggctcaagc acagcaacga aaggccgcca 180
 atgtgcaacg acgtgaagag ctatctcgtg aganagacga gtccctggggg gatgctgtcc 240
 taggaaagaa gaccccgctc atcgaatctn ttgcgacagc tggcgtgcga natactgagg 300
 gccagtctgt gacagataat ggaatccgca actatcttct ttcggatacc gaggtcgagg 360
 cagccaccaaa gcatgcctac caactaccga gcccatgatt gggtgtgag tccanataga 420
 cctgaaccan gaggatgcga tgaagcggca cattgagaac cagcagaagg ttatcgaagc 480
 tttgaagcga attacgtcgc ttgagaacgg gagcttaaaag gaccgcttcc acgccaacgt 540
 gcagcgcatc attaacgagt ttggtcgtca ccgcaccgac tccatcttta tgcccaacaa 600
 gccccccaaa actatgctcg gggaggaaat gcctggacga cttgggtcctg atactggcag 660
 ctctgagggtc cagattgcca tcttgacagc caaaatccat aacctctcaa atgccctaca 720
 aatcaaccga gggtataagg acaaacacaa caagcgtaac ctaagattac tggtgcatcg 780
 ccgacagaag ctcatgaaat acatggatcg taaggagaga ggaagtcagc gatggggtca 840
 catgggttgag acgctaggcc ttacacctgc aacctggaag gatcagatct cgttgtaaga 900
 agangcggga gctggtgttg tagaataact tggttctntt tatgtacaat acaagccacc 960
 tggaaggatg ag 972

<210> 1436
 <211> 328
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 1436
 nacaaccatt aacncatcan caacaactnt ctagatgata tcnatcataa anaatggctc 60

gcactnaaca	aaccgaccgg	aagtcactgg	tggttaaggcc	cctangcang	cagatcgctt	120
ntaaggggtga	ccatangtcc	cgcccntttt	cttggggggag	tgaagaacnt	caagcgatnc	180
aatccgnccc	ggtactatca	gtnagattcn	aagaatacna	gaaatccact	tgagcntctt	240
attccaaagc	tacccttnna	atgttcagta	cgtnagaatg	ccaagaactt	aaanttnngat	300
ttccnattca	ggctntgcna	tgagggat				328

<210> 1437

<211> 588

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1) ... (588)

<223> n = A,T,C or G

<400> 1437

attaaagcca	accggttccc	tcaaagtttc	gattttttcaa	accctacatc	ttcaattcgc	60
ctgttgctct	ctttctcttt	gactttctgt	ttatcttttc	tcgctttcac	ttcacttcac	120
ttcaacactt	cacttcaaca	cttcacacca	tattcaacat	ggttgcttca	tcgaacaccg	180
gcttcgancc	cgangatcac	cagcgcgatg	ccgacttcaa	cagggccatg	cacggcacct	240
cancecaagc	ccgaagtggg	gtcgttgcca	tgttccgcaa	ggcggtgct	gctaacaagc	300
tgctgttgat	gaatacttca	agcattggga	caacaagccc	gcagaaaacg	aaactcctga	360
anaacgaact	gcccgtcaag	ctgaatnccg	tactctgacc	gacactacta	caancttgct	420
accgatctct	acaaatacga	tngggccatc	ctccacttct	gcgatctccc	cangngaacc	480
ctttaccaag	ccattgcccg	ccatgacact	accttgccac	ccaaatggtn	tccaagaang	540
cataagttcc	tgannttggg	tgcggttggt	gggtccccc	ntaaattc		588

<210> 1438

<211> 473

<212> DNA

<213> Fusarium venenatum

<400> 1438

ggcacaacag	gcagcagcag	cagcagcagc	agcaacgcgc	atategcctg	ccaccaccca	60
atacgcccgc	atcttctatt	cttctgagct	gctttcccaa	ccataactct	ctttcgatca	120
tgagatagct	agcacctttg	cattctgact	gactactccc	cccgtcgccc	aagatgtcag	180
tcaatccagc	gcgtcgctg	cagcttgccg	agtacctcga	gaagctgccc	ggcacaacct	240
ttagaagaact	ctatcagcag	ccctctactg	cttttgctat	cttcgctcgc	atgctgccac	300
acottgcaaa	gacctttgta	atgcgaatcc	tctactcccc	gaaaccaatt	ctcctcagcg	360
acctcgatga	ctgggtaaaa	ccagtgccaa	acgccccaaa	gatcaagctc	tctccatcct	420
ggcggttcta	acatcgttac	aaatctcgac	accctccaag	gaacgaacca	gga	473

<210> 1439

<211> 634

<212> DNA

<213> Fusarium venenatum

<400> 1439

aaaaatdaat	tccctdaaaa	daatcaadca	tqaaaagagc	ctqattttga	tactqtattg	60
aaatatttgc	gaacagtttt	gttgagacat	ggcgctttct	tcattctatac	ctcdaaaaaa	120
ggcgccctct	agctaacgct	tcttatttcat	tccactcttg	gaatcacatc	tctcctgaag	180
cgtaacccac	taaaacataa	cgttatccgac	cggagacaaga	ttgtgggtcc	caccaaactgg	240
gactcatggg	gcaagattcg	tgtttcttgg	ggaacatttg	acgcgagca	ggtctctaat	300
tcattggtcc	aagatatacg	cactccccgc	gagtcctatg	gcttcaatga	tgatgaccaa	360
ggtgaggagg	atgaagcaga	gttgaggagg	gggcaacaga	aaagtgggat	cgcggtttac	420
gaaggatggt	ggcgtgaccc	taacagcggg	gggttggcgg	ttgtcgaaaa	tgcctatgcct	480
ggcgagaagt	ggatcgccgt	ggagagtga	gatactcaag	acttctcgag	aagcagctca	540
agatccctga	agcattcaaa	gccaagcagc	cagagaaggg	ttccgataac	gccatcgccc	600
gcagcacgcg	tcattattgat	tatagcaatg	acaa			634

<210> 1440
 <211> 582
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

```
<400> 1440
cttcaatcaa ttaatccaca tcccactcat cttagaccca gtcacagcga cgacccgccc      60
gacgacccga aagagaccaa ccatacagca attgcgccat cccacgttac ctactactat      120
cctactactg catatagtac ccagtggtag cttgctctct accttgaatg tcaatattct      180
ttagatccct cctttttctt ctactcacta tcaccttggc latctttctg tcgacctcat      240
tctatccccc tctccgcaaa atatcttccc atcttctcat cctcaatcga ccgctcgcga      300
chatggccgc cccgtcttac gcttcagagc tcaagatcgc tgagctcgcg gttcagcgcg      360
ccaccatcct caccaagcgt gtcttccacg agaaggccaa gggcacccgt gacaagaacg      420
acaagaccct gtcactattg gtgactttgg cgcacaggct ctcattattg ctgacctcgc      480
tcacaacttc cccgaagacg ctatcgtcgc tgaagaagaa gctgctcact caaggaggat      540
gcgaacctca aacagactat ctnggactcg tcagctctac ca                               582
```

<210> 1441
 <211> 332
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(332)
 <223> n = A,T,C or G

```
<400> 1441
tcaacacaaa caaaaccaac ctttaacaac cactaccctt tccaaaaaca accatcatca      60
tgtctggctg tggatgcgct tcttctggct cttgcggctg cggctctggc tgcacctgtg      120
acggctgccc tcacaaataa gctatttctt caacgacttt gacgggaacc ctgatggatg      180
aaatganaca tggggaagct ggatgtcttt cagggtctga cgattcgggg aagattgac      240
agcaatggat ccactcgtaa cttcttggcc gtatctttat ttgagtatag tcagaattaa      300
atgaagacac aaattgcagt ctctanataa aa                               332
```

<210> 1442
 <211> 531
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

```
<400> 1442
ctcgagccac tccgactggg tccattgaca agccattgtc gacccccgac tctcgtcaat      60
accgactcct tgcctttctg tcccgtccgc cctttttttg cgactctatt cccaatggct      120
tcgacccgag tgaacgttct gcggtggctc gccctcggcc tgggtatctt ttacggcttc      180
atccaccagc gaggcattac tgcttctcaa agggctgagc agcgcagcga cgggtaagag      240
aagaaggaga agcttatcca gcaggccaag gccgagttcg ccaagaagaa gagccttcaa      300
ctgggtgatg tgttattacc gatccttcag accccaagtt cgatcttgag aagctgctgt      360
ngaagggtcc naaggagagc ccttagatat gtaataatgg cgcggggcaa cactnantatg      420
acnagggaga gaattgaacg ataggaggtt ttggcgaaaa ggtnaccgct agggaaacag      480
```

gtcntgtctgg ggcaataatc cgaacctcga accagaccga tttntgattg a

531

<210> 1443
<211> 645
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 1443
ctgcaggatc gggttgggtg ctacctaggc attctcggca aggacacagt cgatcttaca 60
gatgtgcatg ctatcatgct tttggaggag gaagatgtca agctgcttgg caagggccag 120
gaggtcttgt cctctgcaga gatcaagatg aacatgctga gtggacagga agccaatatg 180
gacatggatg gttacaagtqg ctatgctgag aagttacttc gaatcactgc catgatgctg 240
gacaaggcag cggctctggcc agtgacacgt ctcaaggctc gatgcctgga ggcacacgca 300
aacttcatgc gaactcgtgc tgagagatcg attattcttc agcatgactc acgactgtaa 360
tcacgcatac gtttgggggtg ataattctac gacacttctg gcttcatgtc ccgagaagta 420
tttacgaaga gcaagcggtta tgcccagatg acatacaggg ttcgaggatg ttctttcttt 480
cgcgctcatc aacggcactg gcttgacgca ccattgggaat tcttatgaac gtcttacaca 540
aaagtcgacc cttttttgag aaatactggg tttttcttnt ttggggcatg aatacagtaa 600
ccccgatgtg tgtatgttta acgtcngggc cgttaaccgg tgntt 645

<210> 1444
<211> 567
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 1444
gccgcaggaa tttttttttt ttttttttga tgcattcaag tcccaaagga catgtttata 60
tcgtctcacg tagacgtaaa cagacgagag gccaaagtag caaagtacca atgatctaac 120
gattgatggc agatgtcaca ttcagagtga gtgaatatcg gaaagccggc agagtgcggg 180
tcggctcttc aggcctgggc tcgactaaaa gagtgcagct gatgcagcaa tggcaacaga 240
aaatacaagc cccatgtgag atcgctgagg gttccgagaa gcttgcttcc gttccttctg 300
gtgggtgccg tgctgccgct ggtggtgccg ccgcgcgtgg tggtgccgcc gaggaggcca 360
aggaggagga gaaggaagag gagaaggagg agtcccagcc gaggatatgg gcttcgggtc 420
cttcgactaa gcgatctcta cccagagatt tgcaaagtaa cgatacctca cgaatttctg 480
agatgccacg caccgggttg taccagttc ttacatgtct tttgcgtgga tggattggcc 540
cgctcatggc tggattgggt ctctntt 567

<210> 1445
<211> 406
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 1445
cccacaatca tcatacctga gcttgcgtgag ctgggtgtct acgcccacac cgtcaaacca 60
gtcgacaact catggtagca ggagggcact ctctccaatg ggctcacca ccacctcatc 120

aacgtctccg	agtcaggcct	cgcggaagcat	ctccccgagc	atacatcagc	cgtctccaga	180
cataatgccc	agcatctcat	gcgtgtcttc	cccaaaggtc	tcgtatttna	tccaccaatc	240
tgaagcccg	tctttattgg	ggaatcggcg	ctcanatntg	tgctttnaac	ttgcagaaat	300
ttnggagcta	gcaaccaatt	taacgaggtt	ttttttaggg	nacggatggt	tacnttttaa	360
ngcccgtttt	tttcgngccg	gggaaacgga	aagttganca	caggcc		406

<210> 1446
 <211> 630
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<.00> 1446	
ngggnggata	60
ggcctgaaca	120
aaaagatacg	180
gacctcaacc	240
cacctcccaa	300
actactccac	360
aagctttttc	420
aacttcaaag	480
agaagactga	540
acaccgggaa	600
caacacctgt	630

<210> 1447
 <211> 337
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 1447	
tacaatggac	60
gtccacttcc	120
gtttctcaatt	180
aaggccaagc	240
aagtctatga	300
aggcaaaaaa	337

<210> 1448
 <211> 896
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(896)
 <223> n = A,T,C or G

<400> 1448	
catccattcg	60
acataaacia	120

ccgctcaggg	tcagtctctt	gccgacgttc	ccaagtgcgc	cattccttgc	ctcgacaagg	180
ctatcgccag	cgagaccgac	tgtgacaaga	ccgacctcgc	ctgtgtctgc	aaggacttca	240
gcgctgtccg	atctgtcgct	acctcttgtg	tcattgacga	gtgtgggtacc	gacgttgcca	300
tcaacgaggt	tctccccgct	accgaggggtc	tctgcaagaa	ccctcccaag	gagtctgagg	360
acaagtccac	cgctgccgag	gagaagccta	ccactgctga	ggagaagcct	accaccacca	420
tggtcgttgt	cagcaccagc	gttgaggtcg	ttgagactac	caccgccgcc	gccgaggaga	480
acccaccacc	actgtcgctc	ctattgttcc	taccaccgct	gctgagganc	ccgttgccag	540
cactcccgtc	gctgccaccc	ctaccaaggg	ccctgagcag	gccaacggcg	ctgctggcct	600
cactgggtctc	ggtgccatcg	ccatggctgc	tttcgctgcc	cttgcctctgt	aaaggagtth	660
aggaaccagc	ttgtcagtta	tgaaaacctg	attcctcaag	tagtcaaact	ggacagtcaa	720
tgtacatctg	gtgagacgaa	cggggtaaga	ggcattgttt	ttttttttta	attgaaagga	780
cgatattgat	tatgtgtatg	agaattggaa	acgctatcag	gattcgattc	acnggttaat	840
aagtaatggn	cttcgaccac	aatgaatata	agcgaatata	ccagtgangc	cttttt	896

<210> 1449

<211> 591

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 1449

cgactcggac	gcctatcaaa	caaacctgtg	gattggcccc	agatcaatgc	ggctngggggg	60
catgctttgc	tattactggg	aacggtcgcg	gacaagttgg	catacaggtt	tgatggctat	120
gacccacagc	ccatgggcag	cacgtccagg	attgttcgat	atgaagttcc	gagcccttca	180
tgcancagac	ttggcagtcg	tactgctagt	atacctccta	aaacgcata	ccttgagttg	240
tacagctccg	gggacatgcc	ccttgggctt	acttttatgc	atcgacgttt	tgacaatgcc	300
atgggtgggt	tcctggagct	tgtgcgacag	ctgggtgcgt	ttgtgcatag	gcaaaactgac	360
gctactggca	cgccgnttag	tttgccatac	aagatcgatg	gtgacaaaat	aggggacgtg	420
agcatcaaac	tccgcacnc	tcaagatgat	ggttggaacta	agggcgtgcaa	gctgacgttg	480
acatgctgta	aagtttctgc	ttgctcacnc	cagtaatgtg	acgtccaacg	cacgaaatgg	540
gggcagtcga	tacaggggat	agaanganaa	aaanaaaagg	tttcctccct	g	591

<210> 1450

<211> 432

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(432)

<223> n = A,T,C or G

<400> 1450

ntttgntgtg	tngngctgg	ttacgtcggg	ggccctactg	ttgttgnegt	tgttttccaa	60
aaacctnaaa	tccaggttac	tgtcgttgac	cganacgtca	cccgtatccg	acgctggaac	120
tcctgtcacc	ctcctatcta	cgaacctagt	ctqcatqata	tgtccgaat	cgcccggtgat	180
ggnggcgcgac	ctggcaagat	cttcggcgag	cctaccaccg	acagcgaggg	ctccttccgt	240
gaggagggcg	agatcaccat	caatgagcgc	aagcccaacc	tattcttctc	taccgatglt	300
ggcaagcaca	tcagcgaggc	cgatgtcgtc	cttgttgccg	tcaacacacc	caccaagtac	360
cgtaggtgtg	gtgccggtag	tgccactgac	atgacgcgtt	tccaagggtcg	cactgggtgct	420
gntgctcaat	ac					432

<210> 1451

<211> 656

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(656)

<223> n = A,T,C or G

<400> 1451

ctcatttctt	cttttcatgt	cttcttttat	tttcatcaac	acgtctgcgc	atcttaatac	60
aaaccctctt	ttcgtacaat	cttgggtcgc	gtcctctga	ttcatttttc	gagaattttt	120
cctgtcattg	tttctcatte	aattctcttt	tatttctcca	gtcttttgca	tcattggcgc	180
cacaaaggaa	gatgtcgcgt	ccaaaggcga	ctcatcgcca	aagattccca	aatcctcagc	240
tgggtgtgacc	aagaacaccg	ctgaaactcc	tgtcaagcgc	ggcgtggaa	gaccaccaa	300
gggcgtgcgc	cccatgccta	agaaggttta	cgccctact	ggcgtcctc	gcggacgtcc	360
tccaagtggg	ggcaaagaag	aaagctgccc	aacacctaa	aaagtcgcgc	ccgtaaacga	420
tgatggtagt	cccaagagag	gacgcggacg	acctgcgcgc	gtgcccgtgc	ctgaagatga	480
agaatccgct	gcacaatgcn	caaggaaacc	aaqaagcgcg	gaagaaagcc	caagaatgct	540
aaacccaactg	atgtcttggc	cgacaggata	aggacnagna	tgttgcgnac	aacctagnac	600
aanaggttcc	tcccatcnc	cgaaaggcag	gcaatggaaa	gggtncanac	aaggna	656

<210> 1452

<211> 586

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(586)

<223> n = A,T,C or G

<400> 1452

tgagttacca	aagccaacat	gggggagccc	aaatgccccg	ccaatcggtg	gagccgtgca	60
tgcaggtcca	agggaaatca	atgaatctcc	tcctccagaa	cccacacctc	cgcgcgaggc	120
tatgacagct	gtcccgtat	ccgacgctgg	cactgatgct	ggtaggcgcg	cgtccatgct	180
gtcagtccca	ggtgctatgc	ccggagacca	ctctgctcga	catccttcga	tgcctatcc	240
tgggggcccc	tgccttcgc	ctattccata	caacgctcat	atgacgcctc	attttcagcc	300
agttacgcca	ggaacccagc	ctccacaggt	tcacacagct	ccagttccaa	ttccacatcc	360
acctcacctt	ggtcctcagc	cccaagtgtc	tgtacgtcct	gtgcaatacc	agcaccagcc	420
tcaacatcaa	cagananggt	atgcacaaa	cttcgctcct	aattatgggc	agccagtgcc	480
tcccatgcac	caacaaaccc	cgatnggaaa	acacattacc	caacttacia	ncaancgcct	540
gtcctcctg	ttgtgcgtta	ccctatggct	ccacgccccg	gatgcc		586

<210> 1453

<211> 618

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 1453

aaagttggatt	aatacactcg	ctaactttaat	acttccacca	aaaaacaaca	aacgtccaaa	60
tgggtttcgt	caagactgcc	gctttcgcta	ccgcctttct	cggcgtgcgc	aacgtttctc	120
ctaactatgc	tctcctttcc	aacqagacca	tccactacac	caccgaggtc	gtcactcacc	180
tjapcaacta	ctgncctgct	gccacccacc	tcacctaagg	cgacaagacn	tacactgtca	240
ccaaggccac	caacctcacc	attgaggact	gtctttgcac	catcaccaa	ccggttgcta	300
ccgtaactgg	ctatgtctcc	cccaagccca	ctcacgcca	ggactgcgct	gagatgtgct	360
ccgacaagtt	cgatgagtgc	cgcgttgctc	ccggtgctaa	catggctcaa	tgcgtgctg	420
aqtaactgct	ttgcctcggc	tacaaccttt	gggagagcgc	caagttcgtc	gagccactgc	480

cttgccacga	nggtgtcaag	cctactgggc	ctgtacacc	aaccgaggg	gtcaccaagc	540
tgaccaccta	ctgcccgcga	agacactctt	aactacggga	acagaacatt	cccgttacca	600
agccgggacc	gncactgt					618

<210> 1454
 <211> 484
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 1454						
ctgggaaatc	aaaaacgtcg	cqagaagaaa	taaccgcatt	ttttggaatc	atTTTTTTaca	60
ggcgtacaac	atgggtcacc	ntaaccttgc	ttttgatgac	gaccttcatt	cgctqagtgg	120
cgcttggagt	cccccaacaa	gcagagccaa	tttttgcgaa	gaagactatg	ctatcacatt	180
ctatcttgcg	gaatttatca	atgcgttgac	aaacgttacc	tacgtatact	tggccctgcg	240
atccatgtat	ggctcgcgca	ccgtggactg	tttgcTcaaa	ctgggacttt	atgtcttttc	300
cctatgggtc	cggcatcggg	tctTTTTTTt	tncacgccac	acttcccaaa	cgctcgagtt	360
ggtganganc	tgccatgatg	ctgtgtctgg	ccatgcttcg	agctntttta	ttttgngaca	420
gnccccaaaa	cgtcgttcat	ntaatatttg	ggggggtctt	catctcgtct	aagattcacg	480
catg						484

<210> 1455
 <211> 409
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 1455						
ctccccaaat	caccgcctcc	tccatattgc	cctcaagaca	cgggccctgg	agttggagca	60
aaaccaccag	catcaagcaa	tcatatgatg	taccagccat	ctcctattgg	cgcttaccct	120
cctcaacccc	aatactctac	acagccatcc	tacgctccgg	cagcaagtcc	tcctctacag	180
ggtctccagc	ctccagcact	tcctccacna	ccttcgtctt	cgcaaggatt	cgcaccatca	240
tctggattcg	gtttctggccc	aactggctac	aatccatcca	actatccact	accacctcag	300
acttattttc	ctcctcctcc	tccagctttg	ccagcacgtc	ctggctcttg	aaagttggct	360
ggcqaagaa	gaaaaanatt	tggcagcagc	tccgcggata	agtggctga		409

<210> 1456
 <211> 716
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(716)
 <223> n = A,T,C or G

<400> 1456						
aaacacccct	gtctgtctga	ccttctctga	gggtctgggt	aaggaaaccc	atactctatt	60
ctggcgccag	gtccttgact	ccattgggtg	cgtcaagtc	gtctttggcg	aggacnaatc	120
catcaagaag	gcccttgaca	acttcaccct	gaagctcatt	gatgaaaagg	tcaaggaggt	180
tggatgggag	ttccctgagg	gtgaggacta	cctcactggc	atcctccgaa	aggagattat	240
cggcgttgct	gttgccagcg	gccaccctgc	tgtaactgag	gaggccctga	agcgtttcaa	300

tgcttggggtt	gaggaccctg	aggctaacc	cattcccgt	cctctccgtg	ttgctgtctg	360
gcgcgtgccc	attatcaagg	agcctaccg	cactgttgaa	atcctcaaga	aggaatggct	420
caacaccaag	tctatcgatg	gaaagcttct	ctccctcagt	ttctcggca	cggtccagga	480
taccgaaatc	ctccagaagg	atgtcattcc	cttcaacttc	aaccagtctc	ctccgtccaa	540
cgtgtccct	gctggaaaa	atgcacgttc	tgggtggctn	tattgccaac	aacgtcgttg	600
gcccgcctgt	tcaagtggca	attcatgaan	gacaactggg	atgctgntat	taccaactcg	660
gcaancctgt	ngttgtcgac	cgatacataa	accttagttt	gaaccgtttt	acggat	716

<210> 1457

<211> 470

<212> DNA

<213> *Fusarium venenatum*

<400> 1457

ctcctcgccc	gaccgcgca	aagccccgac	acatacccaa	ttggctcaag	atggcgctcg	60
gatatggaat	gaacggcggc	gtcgccgct	gctttccctt	ctggcaggag	gttatgggat	120
gctatgttgt	caacacctct	gctgtgacg	actccggcau	gaagaagtgc	ggctcgttc	180
tcgaggatta	ctacgagtgc	cttcaccaca	agaaggagca	cgctcgagct	cttgctatgc	240
aagccgccta	cgctcgctcc	gagtcgcta	cagcacgcga	cgatgcgccc	agtgtgaagc	300
aaataaggag	tttgggactt	atcgacaagg	aggaagacac	aaagaaggtc	ctgggacgaa	360
gctagatggt	ggaatgcacg	atgaatgtta	ttcgagcgac	cttatatgct	cgccggcttc	420
tttgtatcga	tgcactgtat	acaaaggaac	ggaattgatt	tgctcaactg		470

<210> 1458

<211> 526

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 1458

taagaagcga	ggtggaactg	ctgctggagt	gcctcgcccc	ttgggagaat	ccccctccat	60
caacggtgta	gccaaggaac	aggtatcgga	taatgatgaa	gattgctctg	catgcggtgc	120
tgcgggagat	gtcgtttgct	gcgatggatg	cccgcggtca	ttccactttg	aatgcgtggg	180
gaatgatacc	ctcggaaccat	cttctgacg	aatggttttg	caacgagtgc	ttgtncaaagc	240
gatacccctc	gcgcattgccc	gccttcaagg	gtgtttttgc	tactgctctt	accaacctgg	300
agaanacatc	ctcgcgctt	cagcctcccc	aagaaattac	agaccgcgtt	tgaaggcgctc	360
naancagcgc	ccgacngtga	ttacnaagaa	gtcattactt	cccagacggc	cagaaaaana	420
atggttntga	agaattgccc	acttttcaan	cacggatgaa	ggcngcagta	ctctcncggg	480
tgtcaaaaanc	tgcccccaatt	nccccatat	ccgtcatgtc	gcctc		526

<210> 1459

<211> 773

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 1459

gaggaagctc	tttggttaaca	gacgtttctc	tagatgaaga	ggagagcgac	gacagctcct	60
cctctctcgc	cctgctgttt	ggtgcgcctn	ccnttgctgc	tccccnccag	ttcgacgatg	120
aagaagacga	tggagatgtc	ctagattctt	gggatgcgca	tgactccgag	gccgagcgctg	180
agaaggagct	caaggccacc	gaggccaagc	agaaggctgc	tgtctgtgcc	gctgctgcta	240
agaagcccaa	gggtcagcga	attgccgaac	accaagctga	gcgtgctcag	cagaaggctg	300

aagctgagga	atctgatgga	tacgaagaga	ccgagagcga	gaaacgtgag	cgacttcgac	360
gtaccgaaca	ggaggccgac	ctcgcacacg	ctgccgacat	gtttggagat	attggaatta	420
gtgctggccg	cgccaagget	cgccccgcta	ccgtcgtcac	cgaccccaac	gatcctacca	480
agaacggtga	catctccaag	atgcctctct	tccagccaaa	gaacaaggte	cagttcgaga	540
ccctccgtac	gaacattgcc	ctctcatcgt	ggccaacgca	aagagcgccc	actactnctg	600
tttctncaag	acttaccaan	gcccttgcca	aggagatgaa	cagcgagcag	atcaagaaac	660
ttgccagtag	catgactgcc	ctgggtaatg	agaagatgag	ggangagaag	nttggtgcaa	720
ggcggcagaa	gtaaagntgc	aagacaagac	ttcctngtaa	ccggcgngct	act	773

<210> 1460

<211> 580

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(580)

<223> n = A,T,C or G

<400> 1460

ggtcaatggg	gctgcggtag	gaggtttgct	cgagccgatg	ccctggggccg	tcacttcaga	60
tgggaagcgg	gocgtatctg	catcaagcct	ttgttggacg	aagagatgat	ggagcgacaa	120
cggctctggc	aagaacaaag	aatgcaacac	aacatggcac	aaagtatggc	ggctgcgtct	180
agtatgcccc	tggatgggtc	tgtctatccc	atggacccat	cgggttaacc	cccatgctcc	240
cagcagctct	tccttgccca	gtaccctgcg	ctggctccag	tttgaattgg	tcacccccct	300
gatgtttaat	tccccgcatt	gaanaataaa	ttcctntggc	gttcctcctt	ttgatccngt	360
gactacaaca	aaaacacaac	gcgatacttt	nnttgcccc	gaacagaatt	tgcaaaggcg	420
catgggttca	ggcttccgca	aaaaganatc	ccattaattc	ngtgcgggtt	attcggcncc	480
ccccataaaa	anaaattccc	taccaatnaa	nttttctctg	cccacttcta	aactttttta	540
aaacnttccc	ccacaccocg	tttctnttct	cttctnttcc			580

<210> 1461

<211> 632

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 1461

gaatccattc	gctcgtatct	attctctttc	tctttctctc	tcttttccatc	atgactagtt	60
tcattctcatc	ttatctacct	ttcanaaaaat	ccgaaaaatac	agcgaatatg	gogactcctg	120
agaccaacaa	gcagtggacc	accggccagg	atggactcga	taaaactccag	tttgganaag	180
gaaagggtccc	gcagcccaag	gatggagagg	tccttgtcaa	gatccatgcc	gttggcttga	240
attatcgtga	taccgaagtc	atcaatggcg	attacaacca	ccacgcctct	gtccaagaca	300
ctgaggctct	agtaccctgt	tccgacatgt	gggtactgt	cattcagagc	tcctctccca	360
agctcaagac	gggcactcgt	gtcatgtcca	tcttcaacca	gacccatctc	accggccaag	420
ttgtcgaagg	cgaatggcc	ttcgggtctc	acttacctct	ctccgggtgt	ctgacagagt	480
acgcgtgctt	cttcgcccgc	agcctcgtca	ccgttccggga	ttacctttct	gaccaggagg	540
cttggttggt	gcccatcgca	agccgnaccg	gctggatgtg	tatcaacngn	atgcgaacat	600
tgggtcaacc	ccgccgacgg	caacaagaag	aa			632

<210> 1462

<211> 416

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 1462
 ttgccccgaa catcttttgc caaataaata agtcataatg gccgtccgac ccatcacccg 60
 tatgtctccga cgaaacctcg tcttggatct cagcatcgct ctccggctccg gcttcgtcat 120
 ggccaacttc ttctggtagc gcttccacat gccccgaacc aacgcccgcg acaactacta 180
 catcaagctc gaggaggagc gagctgctca gaagaacgag taaagcaaag atatgccgag 240
 tcgaagtcgg atggcataag caagggcata ggggaagtgt ggaagtacac atagaggcca 300
 ctageccaatg tttcgtttgt cgtgtagctg ggtaaaaagc aaaataccac cacggcttca 360
 accacatcga tcgttggaac tctgtactgt angcaagggc aaccgaatcg tatgtg 416

<210> 1463
 <211> 617
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 1463
 atctgggtcga agtaccgacg cgttttgggg caggatacct gcggaagctc tttcattact 60
 ccgaggaatg atgagcattg acgcttcaaa acgattcaac ttcacccaag tacgccaaca 120
 tccctgggtat acgagacaca acgctctcct tagtgccgat ggtcgagtta cagatcccat 180
 caacttggcg acgcagatgt tggagaacct ccgcacgcac tttactcatc agccaacatc 240
 gcagccttct tccagcgaca atatggacct cgacactggc ctgaatgctg gaaagttctc 300
 ctccactcaa cctgagacgc ccatcgccga caaggaatgg gattgggaac gcacaccact 360
 gaagtcctgt gcttcaccag catcctcatt accgcattct cgtcgagcca tgattgatat 420
 ccttgctgat gaggcttcaa tgtcgcaatt ctgcgaaact cccggctcct tcatgactct 480
 tacgcaacaa gcccgctgat ttcgtgatat ctggccccca gaatctntca cccggtcttc 540
 tctgtgtcc caccagctna tatcggccaa atgctcagtg atgctctcat nanttaaca 600
 tttcaagagg cctgtt 617

<210> 1464
 <211> 623
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 1464
 gogataggtg ccgtctctgc agaccaacct aatgtcacia ttatgaccgg ccgaggtgtc 60
 aacgatatac agtatgatga ggccaagaaa caagtccaga tcaacagttt caacacccag 120
 aatgaggaga aaagtaattc aaaggcaatc acaaaatcc tttcaacgct atccgcccag 180
 tatatcgccc gactcgcagg cgataaaagt gaaatcgctc ccgcgcgaca ctatgtttct 240
 gtcattgacg ncaacatctg gttccctcag gaaaacctga agcctcctgg tttngggtag 300
 ctcatcccag actccgttga accagagctc aatccanaac atgctctngg tgtctctttt 360
 gactcanacg ttggaactcg gtccaaggac aaacctgctg gcacaaagct ctctgtgctg 420
 atggggcgcc actactacga ccgtctggcg ttactcccc cactgaggat gaaaccttgt 480
 taaagctcga aactactttg agcgtcatnt tggatccctc gggatccccc gotatgcacc 540
 aaaaaaacct tgnaaangaa tjtntcctca acanaatgtg ggccaccaag accttttgng 600
 caacgccacc ttgagcttaa ant 623

<210> 1465

<211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 1465
 tcgacctcgg aatagactca ttgtccatat ctactctggg atacgaccac gaacgctcga 60
 attttctacc gaatacgagg ctatcgacct gtgactgatt gttagtattg agtcatcttc 120
 agccgttggc aaatttgtct acacagaccc cgcccatagc tgagccgttt ccggactcga 180
 cgttgaaaca tcaaccgacc atcgattgac taaagacacg gaaaaggagc agttactgct 240
 ttggaaatca attgaaggag gagtcatttg tttcgtttta atacgtcaaa atgtcaaaact 300
 tcaacggcgc ccgaggccgc aacgtgtcgc agtatctccg tgacctcaac gccglcaacc 360
 gtcaggagaa tgcctacgat gagcctttcc atatggagga agaactcgc ctctttacca 420
 acaactcaatt ctttgatttt gagactgggc agaacaccga ctaccaggcc catctgtca 480
 aggtcgacat ggaggcttcc caaagcactt ctctctonga tggaatgacc cngctcctct 540
 gtcgtgggtg atatcgctac tggcactttg atttcttgca gggggantt 589

<210> 1466
 <211> 333
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 1466
 ntctcggggg gtgcgcgtgg tggcccttgg cangtcaagg tgggcaacga ggtctctctc 60
 taogctgtcc tenatnttct taccaaggct gtccctcgcc tctggatcat cacagctact 120
 cgccgaaacc gcnacatcac ccctgaaatt ggtggctact gggcccacgg tgctgggtgt 180
 ganggtacca tccgtgttgg cnacaacaaa aagggtctta aaccatcgt taaaaatctc 240
 gatcgnaac gtggggctta tccgcattcg tcaatatatc caaatatttc anctccacct 300
 tgaatggtgg ttgcttcaca aaaccaacca acc 333

<210> 1467
 <211> 325
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 1467
 ctctgcaagg gcagcatcaa ggctgtcaac tgggaagcag ttttctctct cgtctctctc 60
 tggatcatga ccatccctat cgcgggtctt atcgggggat gtctcatgga tcttgccttc 120
 aacgcccctc attctataaa gcctcgcaaa cttatgatac ctatgggggg atttganacc 180
 aaatcgctca ttttattgat tgggaatttt aacgcaaatg ggatgaaaag aatagaggag 240
 tggattttat tgcataanaa atcgtgttgg aatttttttt atagnnccct tgtcttacna 300
 cttaattgat aaaagatncc ctlll 325

<210> 1468
 <211> 344
 <212> DNA

<213> Fusarium venenatum

<400> 1468

cacgagcagt	tccgtatcaa	cccgatccgg	tgtttctggt	gcctacaagg	acgtctacaa	60
gaagttccag	ttcacccccg	agggatatcg	caagcgtgcg	gttgccaccg	tcgatttctg	120
gaaggatggt	cccaacatcc	gatctcccat	caaccgcgcc	ttccagcaga	tcattctagat	180
ctaaaataat	aacgagtaaa	aagaaacgaa	ggaaaaatag	aaaaataaccg	gtacaaaatg	240
aaaccggcca	gaatgattat	gatgatggac	tttggagcaa	ggttttgtgg	atttcgagca	300
acttagacgt	actacgagat	gaaattaaat	cttttagaac	aaag		344

<210> 1469

<211> 589

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 1469

gctgtctgtg	tcattggttg	cgctccttgg	aattttgagg	tttggcgacg	cagcagtatc	60
cggcaccctt	ttggtctcga	gagagccgag	gtccttgctg	gattcgccat	gtctgttttc	120
cttctctttg	gaggggttga	cttggtgtca	cacacactta	agcatttcct	cgagtctctt	180
ggcaaccatg	aggetcatca	tgaacacggg	catgacagtc	cagatgggtc	tattgacctt	240
gtgtctgtct	ctgctatggg	gagcacccta	gtctcggcat	acggctctccg	aaaccatgct	300
cgtattgcca	aacttctgcg	tgtctcgtac	cttgctgctt	tgccaaagtg	tactgtcaaa	360
ccccttccac	ttcctcacgc	tctcattctc	cgtggttatt	gctcttcttc	cactcctctc	420
tatctcaatc	tacacgtggc	tcgaccgtct	taattgtgct	ggatcgcctt	tggccatggg	480
tgccttggtg	tgcgntagcc	gtcgcacaag	ggccttatgc	tactcaggtc	tatggggggca	540
gtgatggcaa	caacgcgggc	agtgccgtcc	tcaaaaaant	aaaatnaac		589

<210> 1470

<211> 459

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 1470

gggtttctgca	tgatatggaa	ggtgctatga	agatgttcga	ttccgttggtc	aaggagcttc	60
tgttccccat	cagcgccagc	ttgtaccaag	cactcttcga	ggccatgggt	gctaaccatc	120
aggttgctac	ttccgagcct	gtcctcgcgc	acatgcgaag	caaagggtgtg	gagctgactc	180
cttacatcgc	caacacttta	attcacgggt	gggcccgtga	gaagaagatc	gaaaagccca	240
gggcatatac	gatgctgttg	gtcgggagaa	ncgtgagcct	agcacatacg	aagctatgac	300
tgttgcggtc	ctagccgtgg	ancaacgcna	acaggccaag	gggtgttgctn	gtganatctc	360
aaacgcnget	acccatgctg	ttgtcaccaag	gttcttgaan	ccctggaaada	aatcaccaga	420
aattgctgaa	ttaggcacch	attgaaattg	aattgttgaa			459

<210> 1471

<211> 430

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(430)

<223> n = A,T,C or G

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<400> 1471
caaccatcac cagtcacacg acacattctt ctctanaaat ctttcaaaaat ggngcgcata      60
aaagagagat atcttcttgt caacatcggt tatccgcccn accctgcaaa ggctgtanaa      120
tcaaatttgc cagtctcggt tcttcatcac cagccaacca tcgaaaagct gactcctggc      180
gcactaatca aggttatcag agctgaagtc gcgtnattat acggtgacta tggatctgga      240
gcattgataa cctgctctgn gaaataacct tcggtggcaa cctcaacttt tattctcaaa      300
tgttcaagag ctactatca actgctnttg gccacattgc ctttatggat catgttcctg      360
agaaaacgga aatcgtcatn ttttgtgttg ngcgcntagg ggaacaatcc caagctgaag      420
aggagcttcc                                     430
```

<210> 1472

<211> 256

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

```
<400> 1472
naagcgcgag cgcgctgcta aggacaagaa cactgccaa g tcccagctca nggtgaacga      60
aaaggettgc gacattcagt gccagatctg caaatctacc tttctcaaga ctacaaaggc      120
ccctgctctg aaagagcacg ccgagaacaa gcacggcnag gccatcgccg actgcttccc      180
taccttccaa gagtaaaccg antntgctgg agagccgcct ggacttgaga caacgataac      240
gatattccgg gtttna                                     256
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<210> 1473

<211> 606

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(606)

<223> n = A,T,C or G

```
<400> 1473
tgacgtatca ccggcagaaa taaaaaagtc cttntattcg ctttccaaga cacaccatcc      60
cgacgccaat cgttcagatc caaacgcac atctacgttc tccctaattct ccgagtcata      120
cactgtcttg tctgataagt ctgcgcgctc agcctacgat cgagatgtcc tacgtctgca      180
ccatcatcca ccgcaaacag ccgctcaacg tggttcttac cattccccac aggtcggngg      240
acgggcacct tcaggettaa gtcgcaggag aggtaccttt cgcggcccg cgcctagttt      300
ctaccggagt ggaggctggg gagaccaggc ggacaagcgt cgcaaggcgc atgaanaaag      360
tactggtggt ggcggcgcat cgtcgcaaga acaagggaaca tcacacagtc gtcacagag      420
ccctgggggt gaccttttta aacccccacg gacctntnt tatggaggca tgggaccagg      480
cgactnatct ttgggcccac aacaatgtcc cctctttgac aaaaaaggta tcccccaaca      540
catnqagag angacgacga cntaanaaaa cgtatggnaaa aacaaqccat qggtgacaac      600
aatattt                                           606
```

<210> 1474

<211> 632

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 1474

ggcgggtatc	tcaccttcc	ccctatataa	caattggccg	caacattcag	cacatcccaa	60
tgcgcatgac	aacagctcca	tcttttgata	atcatgtctg	ctcaagatta	ctacggcggc	120
ggcggcggcg	gctaccccca	gcaaccccaa	ccttccctacg	gccctcccca	aggccaatac	180
ggtccctcctc	aaggccagta	tgggcctcct	cagggaacaat	acggctcctcc	acaaggacaa	240
tactatggcc	caccgcaagg	ccaagctcct	atgcaatatac	aacaagcacc	ccctcagcaa	300
agtgggtggaa	agggaggcgg	cggcggttgt	ctagcaagtt	gtctggcagc	tctgtgctgc	360
tgtctgtgttg	ctgaagaang	atgtgaatgc	tgcattggaat	gttgcgaaatg	tctctgctga	420
gtgtncacaa	ccgatcacca	tggataccaa	ttttacgata	ccgttgatag	gnnctactct	480
taaagagntt	agaccagaa	agaaccaaac	caacgactct	tattattgna	tttгнаатаc	540
ccgcatgaaa	ccctgnctnt	tggatcttgg	aaatgcttcg	atatgaaaaat	gggntggagt	600
tganaagccc	attggttgtg	acggcccaat	gg			632

<210> 1475

<211> 610

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(610)

<223> n = A,T,C or G

<400> 1475

attgcaatct	ccatttccgc	agcgcaccgt	tttattttct	tcccaacaac	ttggtgaaac	60
aacaaataag	actgcgacta	gtaaaagccg	gccacaccat	gtcgcaacga	cagcaacaaa	120
ggcaccagc	gccctcacaa	acacaaaccg	aaactccgac	acaaacacca	gagacaagcg	180
aacaggctcc	tcaaattctg	cgacttnggg	gtgcacatgc	ttccaacgga	cgatccgtcc	240
agngggcgga	ggatgtaata	gacaaacgaag	gtcttggaag	caagagttca	aaagtgtgct	300
gtatttatca	caaaccataa	gctgtcgatg	agtccagcga	tgaatcctcc	tcagattctg	360
attccgactc	ggaatctgat	cgtgacggcg	cacaaccagc	aagtggtaaa	cgtcangcct	420
gtgggtcatgg	acatgggcac	aaccacggac	gaggccgaan	aagcggaaaa	ngcaaaaaaca	480
agaaagcgcc	aagtncaaat	gcatacaaaa	aaagtgcgcc	agccgaaatn	caaagatnng	540
tcatnaaaag	cccagtnntt	aaattaangg	gggcgacgat	cttcaattng	aagggttaag	600
aaagatggcc						610

<210> 1476

<211> 633

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(633)

<223> n = A,T,C or G

<400> 1476

ggaattcaga	tgggactatc	aaatccccat	caacactntt	ttccttacca	aacaaccagc	60
tatbaacatc	aaabaccacc	accgacatca	tgaagtaatc	cgctgtcgct	ctcctcgccg	120
ccctcactgc	ctacgctcag	gcccagttcc	tggatattcc	tggcggtgac	gaggccctct	180
ccatcattgg	cgacatctct	tcccagattg	aggggtgctc	ctccatcctc	gggtgatgct	240
cgctctatcat	tgaggatgct	tccacccgag	ttgaagatga	gggtctctct	cgctccagcg	300
atgctctccac	tgtgtgctgc	ggtgtctacca	ctactctgac	cgacgcctct	accgtcaccc	360
agtctgctga	gacgagagac	gacactggat	ctgacaccca	gacgagatcc	cngnccgtcg	420
acaccagcgc	tcttgccagc	gttacctcag	cccttgccga	ngcctccgag	tctgttcagg	480
acaagctega	ctctctcagc	tctgtctgcc	agactgccac	cggcgctgct	agctcctcta	540
tgcgcgatga	gatcgctggc	cttacctccc	aagctgggtg	catcgccaag	cagcgctgcc	600
gggtgctgcta	acaattgcta	ctgatgacaa	cgc			633

<210> 1477
 <211> 591
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 1477
 ccagaaacaa aagatcctgc ctaatacaat tacctacgca accttgcgca ctttgcagct 60
 cctagattca ctatcacttc tcacaatctt aaagcactgg agccaggatc tagattcatt 120
 gtctctgtac ctgttagcac accatcatca cttgtttcac gctgacgat ccgataaact 180
 tcacgcctct gcctaagcca agacttgagg calttcacat tcgaacaaaa tatcgtcaat 240
 cgagaacgac taaaacagac aacgtattta cggaaatgagc agcaagactt cggcagcgga 300
 gctcaagacc cgcaaaagac acgactatcg tttcttctct gagtatcgca cgcggttgaa 360
 cgataatgac atgtntgacc acatgaacaa ttcagtcctat aactttttat tcgactccat 420
 catcaacgca tacctcatag acaattgggg tctccatcct ccaacngcat cacagtttgg 480
 catgtgtgtt nncaccaca ccgacttctt ctcacaaatt gcatacctgc cgttgctgan 540
 ctgcattgag tgtgaacaac ttggtcgncg agcgtccgtt caaaaagcct c 591

<210> 1478
 <211> 691
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(691)
 <223> n = A,T,C or G

<400> 1478
 tccgacacca ctacagcctc gaggattgaa gagcttcgtg atctaacctc cagtttacgg 60
 ggtgctcgaa ttgacaggct ttcaccacag cgaaacccca tcatggcctc agcaccgcaa 120
 ttgatcggcc tcgccaaagtc gctgcctgct cctctgcagc gcttcttcgc ccgataccct 180
 cccgcgcgca tctctcccga aaacgccccc aagactcggc accaggagga gagaccgaac 240
 cctttccgnt tctacaagca ccccgtaga ggaaaatggc aggaccctgt gtactcgcat 300
 cgtcgccagg ccgagctggt caaaaatggg ccccccacag cgggtgctgag gatctgctgc 360
 ccgacacacg caaggccacc gagtacaagt tggctcatcg ggttgagcat ggtctgagag 420
 tcaagggtac tgggtgtgga canaaggtea agggctcatat tcacgaacga cacatgattg 480
 caaagatgga gacaaggaga aaggcaatgt tggatatgcc cagtctnate aagcgtgga 540
 agagggtggg caaatacnga tggaccaagt tccccaaata aacaagactt cngatggaat 600
 gactgntttc gtgcncctg tacattttacc tatgtntttt tatgtaccaa aaatttntac 660
 caogatnttg gcaaacactt tgttcccant a 691

<210> 1479
 <211> 620
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 1479
 tcgctatcca aatgtacgaa caggcggtat catgcgacgg gaccttcgac attgcccctga 60
 ctaacctcgc caacgctgta aaggacaggg gacgcattaa cgatgcaate tcgtattata 120

aacgggcagt	caactcaa	at	cccgacttcg	ccgaggtgt	ttgcggtctc	tctaccgctc	180
tcaattcgg	ttgtgactg	g	agaggccgag	gtgggggtcat	actcaaaaact	gggagatacg	240
atcgatggca	tgttgatggc	g	gatggtcagc	ttatcgatgc	tcgagctact	gggcatgagg	300
atggcctcgt	aagccgtggt	g	gtccgcacca	tcaatcgta	ggtgagcgag	gcatacacatt	360
ggggggcgtg	tatcctcgac	g	gataaccgta	tcgctacttt	ggcgcaacag	atccaagatc	420
ttggcctggg	cgaaccacac	g	gaggttcagc	aaggtctgag	aaattggagg	aacaagcgat	480
gggaggggtg	acgcgtcggt	c	cgcttggtag	agcgcgcgac	tcgtgcaact	caatggaagt	540
ggtatcgaga	tcgntacata	t	tcggctaacc	aagcaccgcn	tcggtacact	cgcatncgtt	600
tgcccaacgg	ncttgcatga						620

<210> 1480

<211> 620

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 1480

ccatcacccg	acactttctt	atccacaaca	ctcataatgc	ctggaattcc	tctgcacgcc	50
cttgacaact	tcaaggccaa	gctcaaggcc	gccttcaaga	agaaggacaa	caaggaagaa	120
gccaaacccg	ccgagcagaa	gcctaccgag	accaagcccg	ccgaaaccac	acctaccacc	180
accgagccta	ccaagaccga	ggccgctcct	cccgcgccag	ctactgagcc	tgctcctgcg	240
ggcgagcctg	caaaggagac	caagcccag	acagaggtca	agcctgaagc	tcctgcggct	300
actaccgagc	ctgcaaagac	agaggaggct	gctcctgctc	ctcctactga	acccgcaagc	360
ccgagggccg	tccggcaccc	aacttccgct	cccgccctg	agcctgcaag	acngaaccgc	420
ctccggctgn	tgagctacct	gctgctccgc	cgtcccgaact	gcccagctgc	tgaactgctg	480
ctgttccact	gtttctgccg	gactacttgt	tgcccagttc	cgcacccggg	ggagccctac	540
agagctcctg	ttgaggttct	aaggaaaaga	naagaagatc	ccctgttctc	cgttctgccc	600
cgnngctttg	ttaacaaang					620

<210> 1481

<211> 615

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 1481

gtaggaaagc	attggtgaga	atggggcgccg	tggaacgggt	gtaacctttg	gaagtattgg	50
ctcttgaggt	ggtggcgcca	catactctgt	ctactccatg	gccaaagcct	gcgtatcctc	120
tctcgagag	tctcttcgng	aggaactaga	gcctttcaac	atcctcgctt	cagtcgttga	180
accaggatac	ttccgcacca	gcttctctaa	ccctggtgtc	aaggtagnc	ccaagaaccg	240
cattggatgt	tacaacgatg	agaacacatc	cactggcaag	acacgcaagg	ntttggagaa	300
gtagggatac	aaccagcctg	gggatgtcaa	aaadqaaaca	aaaatcattq	tggatatttt	360
gtagggagaa	ggtgttggaa	agggaaaaaa	aglycctgtg	aaaatcatte	tgggcagtga	420
tggggatgtg	tttattcgan	ggaaaattgg	cgaggcgctg	aaaatttttg	atgactggaa	480
ngtgttgact	gtgaaccccc	atatcacaaa	atgagggact	gtaantaant	ntgtcttaca	540
atcngaggtg	ccgactggng	tcaaatgtan	aatancccat	gcctccccc	aataggnttt	600
tntgggcgat	tttctn					615

<210> 1482

<211> 574

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 1482
 ccacacttac ggatgggttca gcaggtgaag gacgaagaac aatccagcat cgacatgaat 60
 attgaggatg gattatcatg cgattcacgg ttatgataga gcaagctttg acacaccaag 120
 cacacaccga ctaccgacag tatcagcttc acaggccctt gacgacattg gatgtgacgc 180
 gtcaactcac ataccaactg gtctcgaaag cctggatcgt tcaactcctag gtctgttagc 240
 ttctgactcg caagatgcag cggtaaaagg tgggtgttcaa cgaggccaag tgacagagat 300
 ttgggggacct cgggggttcg gcaagacagc attgggccta cagcttacag cgaatgcgct 360
 atgcaatggt gatgcagtag tctggataga ttgctttcag gctctgcagc gagacaggct 420
 gaggacggta acaaaaagctg cccaagctcg tcgaaatggt ccatcatcca cagaagttga 480
 ggcaatacca gctcgaggaa gttgatgctt ctcaattcta ccagtactcc tgttttacac 540
 ttcttcattt gattttctct gtgtcgagac ctac 574

<210> 1483
 <211> 256
 <212> DNA
 <213> Fusarium venenatum

<400> 1483
 aagatgctcg tcgagtcacg cgatgagcct gctcaattgc gaaagaacgt tactagccct 60
 aacggcacta cccatgctgc acttgtcagc tttgagaact cgggattgaa ggagattgtc 120
 aacaaggctg ttaaggctgc tcttgaccgt gcccaagagc ttggaaagaa ctaagttatg 180
 acatagatac gtcgcaacga catgacaaaa taaaaaaaaa agcaatctag ttttaatacat 240
 cctacatggg aatgtg 256

<210> 1484
 <211> 634
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

<400> 1484
 gggttccatg ttacatgtgc tcggagatcc cggctgtttc ttaaaatgaa gacgagtcag 60
 gytgcctcgc cggatattga cggcggcatg qttcttaagg cgttctgcga caagcattgt 120
 cggcccgact atgcacagga gcataacatt caccaggcca caaaagccgc caagaagttc 180
 tacaagagaa ccatgagaaa tcgcatctgg gccgacaaca ccgtcactgc aaacaacatt 240
 gcgcgcgggc accgcgatgc gctcgctgaa caaccatcag acgaatcgca gctcacagga 300
 aacaagaatt ctgcttctgg tgacaagaag aaagggcagc ccccaaagaa cttgtggaag 360
 atgccttcag gtgcgcccgt tatacccagc gtagtattcg agatcgtgga ggcttcaatc 420
 caaagatttc ctttcogtaa gcgtaaggat ttcttgagtg aggcattgtg ctactggacc 480
 cccaaaaggc agaaggccgc tggcgctgca ctctaaagc gttctgagct ccaaatgaaa 540
 tegttttctt caatggagtt aacacgacga gaatttcgag caatgggcca agcngnaagg 600
 cgagattgac tcgacgtatc gaatttcgag aaga 634

<210> 1485
 <211> 532
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(532)

<223> n = A,T,C or G

<400> 1485

cttgtccaag	gagccgcctt	ttcatccgtc	agtgcacatg	cggagcctct	cgtatcacga	60
ctcgggtatcg	tttctagcaa	accgatcatg	ttgccgagaa	tcanacaatt	cgacttcact	120
cttgccgtgg	ctgtcaagac	cgnttgggcc	atagtgtga	nccaccacgt	cacaagcaat	180
gatgttgtct	tgcagatat	cctgacaggg	cgaactatcg	tgcacccctc	agtcncagat	240
gttgtcgcac	gttgcgcaag	agcagtacca	tgccgggtta	cttacgaacc	ggagtggacc	300
gcgaagagac	tgcttgaaca	aatcaaacag	cagcaagtca	acagcatggc	acatgaagg	360
ctcagagctcc	agcagattgc	tcaacgattc	atgggctgg	cggagaagt	cgaatcanat	420
gcaccagaca	tgcagatcag	catggtgaat	cacacaaagg	cgcaaaaaca	aaatatgtca	480
cttggctcta	caattttacna	acgaagtgg	tgngggcctg	aacaagtntt	ac	532

<210> 1486

<211> 666

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 1486

cagtgcctg	tgacaagtag	ctgcaacttt	accctccctt	gtaatagcgc	tggtcgtttt	60
taaccacgta	cacatcacca	actacgaacg	agtcgctcgc	tatatcagtt	caaaacaatc	120
caacgatcga	ttactagttt	ccacaatgtc	tggctcagga	tacgacgccg	tcgtcgacgt	180
tgacgatgag	gggtgacctg	gccacaccga	cctccaagaa	gatctcgaat	tcacacagtc	240
caacttcaac	gacacaaatc	ccaacaccgg	caagcctccc	tctggcggca	gcagtcttcc	300
tgcgcgggtc	acagcttcga	gcggctcagg	ttcatccaag	cgttccctct	ggagcatgaa	360
cttttatgcg	cagttcttcg	atgtcgatac	ttcgcgtgtc	ctgtcccggt	gctgggcgcg	420
tctctttccc	cgagcaaaat	tctcgatggt	ctcgagggca	accctgattt	atacggaccg	480
ttctggatcg	ccacaacagt	tgctctgatt	ctcttntctg	gaggnacaat	cagccagtat	540
atgtctgata	cnggcaagg	accattcctn	tacgatttca	aagctgntga	gcggcgccgt	600
tgggcttaat	ntacnggtac	acccttttna	tnctatgg	tctgggtntc	tggnccctca	660
atactt						666

<210> 1487

<211> 576

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(576)

<223> n = A,T,C or G

<400> 1487

ccagtaccca	atcccgagtc	atattggatc	agatggccat	tttattatgt	cgtatgatct	60
ataattgagc	cactacttct	cgatcattac	gactcaally	ttgtctctct	ttcaccttta	120
gaacattggc	ttctatcatg	gggtcctcct	tgcgccctgg	gttcggagg	ttactcttcc	180
aggctctgat	tacagcatcg	gggccttcaa	agttcttctg	atgcaaccaa	tatcttcgaa	240
ctgtctcccg	gagcatgccc	tctcgagttc	ttaacgcctg	ccgatcacga	tcctacgcgc	300
atgtgcctg	gaqcaagtc	attggatcca	ttgccgagca	ggcttctggt	cacgcattcc	360
ctctgtttt	tcaacctgac	aagaaagcat	ggcctgaaac	gaaccccaag	gggtctgggc	420
tctggcttat	tgggcagtcg	tgttagtgtt	tttgggtatc	tctgttttgg	tggtctgaca	480
cggttgaaac	aatctggcct	gaantatcac	tgaatggana	cctgttatcc	gttcgcttcc	540
cccatgtcta	aggaggatgg	gaatccaaat	cgaaac			576

<210> 1488
 <211> 798
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

<400> 1488

acactcggtta	acaatctcgc	ccaagtcact	cacttgacca	cactcgetca	ctccagcaaa	60
actcgcattc	gctctccaaa	actcaetcac	tctttgaagt	atccccaaaa	caaaatcaac	120
ctttcaagat	gtacgccttc	aacgcgcggg	ctcttctcgc	ccttattggt	gccgctgctg	180
ctaagcccaac	cgcgtctcct	gtccccatgc	ccactggaag	caagaacggc	acagtcactg	240
tcaccagcgt	cgtcgatgtc	tacaccacct	actgccctgg	acctaccagc	ttcacatggg	300
cggcaaggac	tatgtttgtc	ccaagcccaac	cactctgata	atcactgacl	gccttgccac	360
gtcactgaga	ctcaccctgc	tggtctact	tggattcccg	ggcaccctgg	ctacaagccc	420
gggcacccccg	tcaagcctga	gcaccctgag	aacgagaagc	ctggcaagcc	tgagcacccc	480
gtcaagcctg	agcacccctga	gaacganaag	cctggcaagc	ctgacacccc	gtcaagcctg	540
agcacccctga	ngttgagaag	cctacaagcc	cgagcacccc	gacgtcgaaa	agctgagtag	600
cccgncaaagc	cttgacaccc	ccganggtga	naaagcctgc	cangctgagc	accccaccaa	660
cccanaaagc	ccgaaggnga	aaagctggca	aggncaaagan	gtccccgagg	agcccgttgg	720
tanntggccg	gggcggggg	cattccaant	tnggaatcgg	ccttgtaacc	ttctttgggc	780
ttatnggggt	tggaanct					798

<210> 1489
 <211> 926
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(926)
 <223> n = A,T,C or G

<400> 1489

cgccaccatc	caaataaaac	tatgtccaac	aaagactccg	togtatatna	ttacctcgcc	60
atcggcaagc	ttggtcgggg	ngaacccatn	aaactgnttt	tggaggatgc	aggtattgag	120
tatgaggagc	gtcgntacgc	aagagacgat	acttggcccc	aaaccaaggc	gaagttgata	180
aagcaaggtc	tgactaggaa	tgggcaagtt	cctgctnttg	agtacaaagg	ccatgctata	240
actggccatg	tcccgattct	gcgctacctg	tctcgtgata	ttggtcgata	tgatggctag	300
agcaatgagg	acaagtnttt	gacggacttg	gtatcanaca	tntatgttga	ttggagggct	360
caatgggtga	gaaacctcaa	ggaggggccc	cgagaagayl	acaagygagc	tgetgcccct	420
cantactacg	atctcatcgg	acagtattac	gccgatcacg	agggacctta	tcttctgggt	480
aatgagatta	ctacaccgac	tttctcgtct	atgtctctat	tgataacgat	gtcgaacaa	540
agacactccc	tgagagcttg	ccagaatctc	ttgtcaaatt	caaaggctgc	tttcgaggct	600
cgacccaagc	ttggtgaata	catcaagcag	ggataagctc	ttcacgtata	agattaatan	660
acccaaatag	attctgtgtg	gccatcgctc	accgagccct	cttgatttcc	tggcctttga	720
tgcacaaaac	acaactcgat	tanaaaatct	cqaatctqac	tcatqttqac	tgtgngggct	780
cgttacccgtt	gagcttaagc	atcaatylac	ttaatatgtg	actttttcta	tgcacaaaac	840
gaatcacggg	tacacataga	ggngacgtgt	tcacacaaga	tggatatgga	agcatagttc	900
agtcatttca	aaagtagtct	cccgan				926

<210> 1490
 <211> 913
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(913)
 <223> n = A,T,C or G

```

<400> 1490
gcgaagagca agccctagtc aaaagcctga ggacgctcta gcaagtgcc aacataccaat      60
cgatgtgccc tcgatttctc aagcagaacc agatacagct gtcctactg acgcagtaga      120
ctccaagtct gatgaacctg ccgataccgc ctccgacgaa cctacccagg ctaccgacga      180
accttnaaag gcatctgcta ctgatgctga gcctactgcc gatgaatccg nanagaccac      240
tgccgcggat ccttctccca ccgaggccag ccctactacc aaagctgccg agaagtctac      300
cgctgntgat agcaagcccc ccgagacttc tgctccatca cccaccgagg ctaccaacga      360
cgccgagtct actgccgctg cttctgccac tgatgagaat accgctgccg agtcgacaaa      420
ggcagttgct tcgcctacca ccaactggcg caacaacagc gaggaccaa acgacgacnc      480
tagcagcact gccgcgggta gcgatgagga ggccagcagc actgccggtt agaaggatac      540
ccaaacaacc ggtaagccaa gtcacctttt acacacattt gttgtagtta cgaaggacca      600
acgacaatgg tgatcttgag accatgaact ctacgagtgt ttctacctca acacctggac      660
tnagcgatgg cgatgatgac ggcagctcct ctggcatgac gaccaagacc gcaatactgt      720
catcgcggtt gttgtcggtt ttgggtgggtgc cattgtcgtc ggtgctcttg gtctcgatnc      780
tggaanaatct ggggaccaag aagcacacga aagaaccgac ggactcatgg attttgacga      840
atccaacaag ccgccnaac agcaacgggtc cttaccacag tggtgaaaaa nacgaagtac      900
acagtgttgg tan                                     913
  
```

<210> 1491
 <211> 657
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(657)
 <223> n = A,T,C or G

```

<400> 1491
gccggcgga ccaaggggtg atcggatcgg cggaaatgaa ggccctgcggc agagtgcggg      60
ccttctgttt tgaggattat aatcagagta tattgaaagt ttccgcatct ttctgtataa      120
ttgttttagg catagtgcaa tcgataagct tggctgcagg tcgacggatc ggcacatag      180
ccccaggtgg tgaaatcggg ggcagcggcg aggccacca gcgcgcgcgc cttggtgccc      240
agcgccctgc ccaccagcag catgagccag ccgcccatgc tcgaccgat cagcaccact      300
ggctcgagat catgcgcgcg gaccagcgcc acgacctcgt ccgcccagcg cgacagcgtg      360
ccttgggcaa attcgcttc cgacaggccg cagccggaat aatcgagcaa caggcaggca      420
cgccccctgt ccaccgcccc atccatcacc gcctgggnet ttccccccgc catgtctgac      480
atgtagccgg gcangaacac caacgcgggg ccaantgccg ggcacaaagc ggggtggcaag      540
ggcgaaggcc gtgcggggcg ggggatgaag ccaagggggc ancggtgtgg tcatggcgct      600
cgtgetaneg atagcggggg gnataatgtc acaggaactt gagcaacctg cctgcgn      657
  
```

<210> 1492
 <211> 470
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

```

<400> 1492
gttttctgtc ggattggcaa agaactcgat tcttgtttcc tatctgcgta tngccctgc      60
tcaactcatg cttcggcggt tgacctatgt ctcaattggt attgncacca cacttatctt      120
tgcccttctg atcgtactat ggacgcaatg cacacctacc tctgcctact gggccttgac      180
aggaggtgac agttgccatc cggaagggtc cgggtgactg agtcaancaa tcacaacagt      240
  
```


tctgaccgat	cttctcgtct	gcgctctgcc	cttgacagaca	ctattttcaac	tnaaactccc	300
tctgtcacia	cgcacgcgcc	tcacgcgctc	ttctcgctag	gtctgggtgt	tgtntttgcg	360
gcctccatgc	ncgcatatta	cactcattgg	gtcaccgaca	aaacgtacga	tgttacctgg	420
gaggggttnc	acctttggat	ctggaccgct	gangaaacta	atctggggagt		470

<210> 1493
 <211> 671
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(671)
 <223> n = A,T,C or G

<400> 1493	
agctgggggta	cctgaggggtt
ttgctatcac	atgcggagta
gtacagcctt	cacttggett
tcacgcgctt	cacatccttc
ttagagagcc	atacgtttgg
cqccatttgg	gggttactta
gnngaggctt	tactcccaac
ggttttacagt	cgggtataan
cgatttggag	gacaggggaag
tactactcga	tgtccaagtg
gccaactttt	gcatnggatg
tggcactttg	g

<210> 1494
 <211> 567
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

<400> 1494	
caattcttga	gtgcaggctc
attgcaagcc	ctgctgagac
aagtgtgtct	gattgaatgc
gactatgctc	gatactgtca
agccgcaatc	cgacgctcac
ngacaengac	aaggagggtg
cttggnaatg	actttgcctt
caacactggt	tggtttgctt
tccttttttg	ctttaaatag
gaatntttta	aagaaaaatc

<210> 1495
 <211> 282
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(282)
 <223> n = A,T,C or G

```

<400> 1495
gaagaattct cggcgcgagg aattcctttt tttttttttt tttttttttt tttttttttt      60
tttttttttt tttttttttt tttttttttt tttttttttt tttnnnaana aacttggttc      120
tttttttact caaaatatac caatactact ttntgccatc acnctgagtc cttntgggnc      180
gctnttttgc tatgctgnag ccctacccct aaccctgcgc attgnatttg cagtaatcaa      240
agttgttaac cctgttcccc gcccatnttg ggaatgcaac cg                        282

```

```

<210> 1496
<211> 583
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

```

```

<400> 1496
ctcgaaccga atcgacctgc gacaacgtcg atatcatgcg cttctcaatc gcctcgctac      60
ttcttttctt ggtgagtgca gctagcgctg cctcgtcttg gagcttcaaa gatggctccg      120
ttaccgtcgc ctccaagcaa ggacacggcg ctactgccaa attcaaaaac caggagccag      180
ccaaggatgc tcttattcta ggaaaggcag ataccatcaa agtctcattg actacgaccg      240
aagacagtga agcgaagcga cctcaccagg ccttcacgtt cattacagag tcgactggca      300
tcgaagtcgc cctccctctg gacatcaagt cctctggaaa ggccgtggcc tctttctcgc      360
acaangacct cctgttcccg ttgctcctct ccgacgaact cctcaaggtc aacctcgtgt      420
tggtctcctt cggctcatcc aacctctcat ctctcccgtt ttcaacattc agatctatca      480
tgtgccccac actcccttcc ccacatttga acctcccttg cgttacnaan ctcganaacga      540
natccaccac atcttccagg gtngggganaa gaancncct atg                        583

```

```

<210> 1497
<211> 440
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

```

```

<400> 1497
aagccaaga ccagccacac cacaacaag gngccccttc tcatggccaa ctaccccgag      60
ggttggagcc tcaagaagac caccgagggt gtccttgggc acgttgcccc taccgtcctc      120
gcccgcctgg gctgcctca gctgaggag atgaccgaa agtccccctt cgagaaggct      180
taattaagat gatgatgatg atgagcaaac ataccttaaa aataaaatga tcccaaggga      240
tgatgtagta gtattagcga cttgttgatg gctgggcgat gggcgtgggt gtgggctgtt      300
agttcttgat acgtgctagt cgactgcatt gctttggagt tgatgagggt tggaagctac      360
cctcggttga atagacctag agtcgagagt ttttaaagga gtaaaattac taagaataga      420
gaattatata ttattttctc                                           440

```

```

<210> 1498
<211> 435
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

```

```

<400> 1498
ncctgatggt cccatcattc ccttccctca aaatgccagg acaccaccgg gcttttttac      60
cactgattag gaccngnacc acattttaagc agcgatggng acctcaacct cnacaccggc      120
cttgatggtg acnatgacgg acttgacaac ctccggggggg gcgtggagggt cnatgaggcg      180
cttngggacn cgganctcgt aanantccca agtnttggaa cccgccgcta ctcccttaggg      240
catttgtttc tacntgang gcgaagtatg ggtgaaacnc ttgancccat ccatttttag      300
ggctagacat tcggnagggg agttggtaca caagtncctta agggattncc actttcatgg      360
ncccgncctg ggtggaaaaa ngactaaccg ttttgggggg ggtgaagaag cggttacttt      420
ggccccctaa cctcg                                     435

```

```

<210> 1499
<211> 610
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc feature
<222> (1)...(610)
<223> n = A,T,C or G

```

```

<400> 1499
cacaaagagt aggaggggggt gctataactg caagagaaga cgtatcaagt gtcaagagac      60
tcattcctgca tgcgggtcatt gtacaaagac tggactcaaa tgcgagtatc cgtctacgcc      120
acagatcatt catcagccac atcaacagat tccattgttc agtctccagg atatgcgctt      180
cttccagcac tttctaacac aatgctatcc tcatcatcct ctaaaacaag aggacatctg      240
gacacacgaa ataccttgta ttgcccacaa caatgaatac ctcatgcatg ccattctcgg      300
cttctccgca tccgaactca tgagaaacga ccctagcatc ttaccatcag ccatgaacca      360
tcgcatcaaa gccataagag ccatcaagaa acgccttgca gaaactacca aatcttcaat      420
gaactatgaa gaagcaaattg ccatggtagc tacttgtttt gccctgacat ttcaatctgn      480
cancctcgan gacggactgg ccgaatatnt aacttttatn cggggaatca tgattgnang      540
aatgcaaatg atgtttcggg gtatnaacct atntttgana atatgcttga caggacagga      600
ttactgggtn                                     610

```

```

<210> 1500
<211> 619
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

```

```

<400> 1500
ccaaccgcga agtgtctatc tttggtgacg tcgaaccaga cagcatatca cttagtcgga      60
ggaacctgca aatctggcaa gaagcagcac caaagatcgc ttcgggaaat ctcaaggcta      120
ttttcatcga atgcagttat gacgactcgc agagcaacga ccgcctatcc ggccatctga      180
agcccgatatt tgtcatggaa gagctgcgtg cgctggctac cgaggtgaat accgttcgca      240
gcatgcgtaa cgctgattcc aagaagcgca agcgcgatgag tagtacggct gacgaaggct      300
ctcgaacgaa tccctcactt qccaacttca catcggaaqa cccaqgtctt cccaagacgc      360
tcaaggcctc aacgcacagc ttgctgtaca caggtcccg aacacettcg aacccgnacc      420
ttgctacacc aacagcagag ttgacactca acccgtctga ttcgatcaca tnnggacctg      480
cgaatangag ggtctctngga nggctttaaa atcggcatca ttcattgtca anggcccgcct      540
ajacnaatgg tcccnacgtc ggagatatna tacttgnggc caattggaca atcacgagag      600
gcgaggngca atttnggtn                                     619

```

```

<210> 1501
<211> 619
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 1501
caagaatctc tctcatactg ctaaataataa acagcacatc tacgctctca cactatgtca      60
gtaaccagcc ttcaatacga ttctgaattc gctgaggcat tggccctcat naaatccggc      120
cgccccctga tccctcccgga gacagctctc gacattcgtc gtaataatca cgccttattt      180
gccaaagtat tccctaaacc accaccttca gataccatca agcagacgga ctgcagcggt      240
aaaagctacg atggngcgca natccttttg cgtcgttatg tcaaatacaga tatectcaac      300
gccaaagtac ctcaacccgc aatcctagca atccacggag gtggctttgt atcangcgct      360
gtggagatct gtggtggact caacgcaaaa atggccttna aacaancagg ccggtgtttg      420
ctgttgacta tegtcttgcc ccgaacattc gtttcccgca gggngggang acagcttcgc      480
agcggtaaaag ttttttttaa gcacgcagca aaactnaaca tttatcttaa gcgcatttgt      540
gtucanggau aaaagtgcag gongqqqaat aaccqnggga actgtgctna tgggcanaaa      600
acananagct caattctct
                                                619

```

```

<210> 1502
<211> 432
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 1502
gattcttgc ttagtctcta ataacgacag ccaacatgaa gtttagactt ggtaaccgg      60
ccgntatggc cgaaacacct agcagaggtgc ttaactggcg tctgtactgg ancacctttg      120
tctttgggat cctcggtgct agccgtggac taaatgaagg tctggtcggt ggtatggtgt      180
ctctcaaaaag cttcaaggag gaattcaatc tcgacgctgg ttctgaacat caccaanccc      240
aagtggagtc caatattacc agcatggnc aaatcggttc catcgccggt tcgctactag      300
catttttcat ctgcgacaag atcgccgtg tacaatcact ccaagtcctt tgccctgctgn      360
ggctggtcgg attcatcatc gtccgagacg agtcatggaa gcgttggtca nnttttagtt      420
gcncttttat tg
                                                432

```

```

<210> 1503
<211> 508
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(508)
<223> n = A,T,C or G

<400> 1503
gagaattgaa gaagctttgc anggcagtae agactactae cttttgagga gtgcagagtc      60
gttcaggatt gcggctcaga tctaccttcg ttttgtttgt tacgacacct ccattacgca      120
tctatcaatt ctcgagctcc abgaacaact cctcttgtgt ctttttgaca tcattgtcaa      180
aggacaaaaag agacgatcgt tcccaatgtg gcctctcttt ttggttggtt ggcgatgttc      240
ttctgaccaa caacgcaagg ttgtgttgga ccattttact ctgttgata gtaaatggcc      300
tgtgagcaac atttcagcag tttggaatgc ttttaaaact aratggcaaa cccgcgaact      360
acaaatntacc agccaggatt ggagagaggt gattaaaaaa tttggttgga agntgtctct      420
gtcataaaatg gttagctata gaatggttcg cttgtgtgta agatctttcc agtcaagtat      480
caaacnggag actgcgcttt caacgctt
                                                508

```

<210> 1504
 <211> 584
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(584)
 <223> n = A,T,C or G

```
<400> 1504
gtcgtctcgag aggagaggtt ccatcattga ccttctcgtc atcgagatcc ccccgaaatgg      60
ccttacgcgcg cgaaatgcgc acctcatggc tcttttctgt acttcgcgat ctattcatgc      120
tgcgacgctc aatacactct atcgtcacat tacgattcct cactcacgaa tcttccgaaa      180
gtttcttggc accatcactg agtaccctgc tctcgccctg atcgtgcggc ggctggactt      240
tagccacttc aacccctcca ccattttctc gactgcgagc gagcgagctc agactcgaaa      300
cttgacctcc gagaccttc ataaatgtct cgagctaacc ccatacctac aggagttctt      360
ggcccaggag tacatcgatg aggatcttgg acctgaagta gtcaaaaagc tctttttcga      420
tatgccccgg ctccaagccg ttgatttcgc cggtcgtctc tcacctttct tcaagaactc      480
tttcaacagc ctctccagg aacagtggnc cgactctctg acacttactc gcgtttcgtt      540
tcacaagtgt tctgaacctg ccaggatctg tttttgaagn tatc      584
```

<210> 1505
 <211> 487
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

```
<400> 1505
ccgcgctctc ggccaacgtc aacttcattg ccaaccccat catgaagcgt ggtgctctcg      60
aggctcgcca gaccggcctc ccttccctcg gtgacatcag cgaggagtgc cagtctgccg      120
ttatcgacat cgcgccaggc gtccctactc ctgcccctga gatcgtctct gatctcctcg      180
agaacccccca gaccgacccc tgcagcttca gcacccccgc ctctttttca gcgagtacgg      240
ngctacagct cctccatcat tgectggnac gccaaagaacc aaggacgaca ttatgtccgn      300
tgtcaaggag tgccccgagc ttggtgagct cgccagcttg tcccggtttg ngaggccttt      360
ggtactgccg gcccttctt cccttaatgg ctttgccaca acggttgtn gtnctccgggg      420
gttttttttg cggaaaaana ttgccaaaac ccccgggggt tttttccaac tttgggggng      480
ttaacccc
```

<210> 1506
 <211> 513
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(513)
 <223> n = A,T,C or G

```
<400> 1506
gccagacgtg acaaagtcaa aaaatggccc aaaacgggct cgcctaccgg catcagacaa      60
gaggtaacac cggaaaagaa gtttaacggc atgtctatga tgcgcgcgca ggaagacaaa      120
gtgacgacaac gtgcagccta catgtgggtt ttgtgcatca ttgaatatcc cttgtttcta      180
cgataacgct gagaggaatc tttcgcaatt tgatccagct agtttggaat tcttccgcca      240
attggggcag atcatcagta cccaaaatga acttacacac acagtccggc ctatcgccgc      300
atcccaatct catgtagcat tggggccagg tgcattctca gatcaactac gcttccacgg      360
```

tagtctaagc	acagatgaaa	cagtacaacc	gcagcatgag	cttcaccta	cagactgggt	420
tgcaggacag	tcagattcag	cttcaacaac	gccatcctca	tccgcaagt	cagctgcagt	480
tcaatgggtc	ggaattctag	cttatgacgc	ccc			513

<210> 1507
 <211> 431
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 1507	
gcgttggtca	gcattggcca aaacaatgtc atcgtctctc ttcaagtc atgcacaggc 60
tagctcactc	ctgccccagc tatcgggcta ctcagatacg ccccagcact ggcagccaaa 120
agaatcgttc	gattacagtt tcattccaaat cgaggctgat gatgaaccgc atgtcatcga 180
gactgacgtt	gtcattgtcg gctctgggtg cgggtgcaggc gtgtctgcc aaaaacctagc 240
agaggctggt	cacaaagtc ttgttgtaga caaagcctat cactacctg ccaaacacct 300
cccatgtcac	aggaagcagc ctgtgtctcat ttgtatgata agtgggggct tcttcacgac 360
agaagacttt	ggagcgaccg gtgactgctg gcacacttgg ggtggangan gcacggncaa 420
ctggattggt	t
	431

<210> 1508
 <211> 876
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(876)
 <223> n = A,T,C or G

<400> 1508	
cttcgtctgt	ccttcagtcg ccgcttgcca agctgttgcc accgctgtca ccatgcccag 60
catccccctc	tcaccgcttc tgccaaggct tctcaacttg tctacgggtg tatcaccaan 120
ggcaactttg	ccatcaagga tgctcagcga atcaacctta tcgctggtaa catcgccctc 180
ggtactgtcg	atgtcgccaa ctcccttgct agcgacttcc gagttgggtt cctcctcaag 240
antcctccca	agctgcagtt ctacgccc an gccatgggaa ctgtcgtctc tgtcttctcg 300
gctcccggtg	tctttgttct ctctcatgtc gctaccctt gtgtctacaa gccagcgcac 360
gaaccccgctg	atatctgccc cttcgtctgt ccttcagtcg ccgcttgcca agctgttgcc 420
accgctgtca	ccatgcccag catccccatc cccaagtcct ctgcttactt ctccattgcc 480
atgggtatcc	tctgcgctgt ccaggctatt gttaagcact tctggctcgt tggctctcgc 540
gagaagtacc	gagactggct ccccaactgg atgtccgtcg gtgttgccctg ggttctcggc 600
cctgactctg	gctacgccaa cgctatcctc ttcggttcta ttactgcatg gtggtggcgc 660
aagtacttca	acaaccactt tgagatgtac gcgttcgcaa tcgctgcagg attgatcgct 720
ggagaagggt	tcgggtggtg catcaacgct gctctcgaac ttggaaagggt ttccgggttc 780
ttcaaggggaa	ctgaaattgc cctgcccggg gctgagtggg agatacaata gataactggt 840
agttaatggt	gttatgancc ttttgaaagg cngtgg
	876

<210> 1509
 <211> 767
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

```

<400> 1509
cacaaactca cacatcaaac tctaacctaa ccgaaaatgg gtgtcggctg ctttttctgt      60
gtgctattgc cgttcgcact tacaatcggc tccatcatct tcctcctcgt cggtgccctc      120
gccgggtgtc cggacaagtc tctctacatc ttccgagtcg atgttgagga cctcagcatc      180
agccccgcgc atgtcgacaa catcatcgac aatctcgacc taaaggacct caagctcagc      240
actcgcgatg tgccccaact catgatccgt gccgaggatg gtgctcccat caaggataac      300
atcacgcgca agatgctcgg tctcgacaag tactacgaca tcaacctctg gggtttctgc      360
aagatcgacg ccgatggcaa gcgcaagtgt gagaagcctc aatttgactg ggccagcaag      420
tctctgaaca catctactct cgttgggtacc aacaaaaaca ttgctattga gctccccgat      480
gagatccaga gtgccctcaa ggctttcaag accgctacca agtggacaca ggttggttac      540
attgctgcct ttaatgctct cgctgctgaa atcgccctg gaatcctctc caactgctct      600
cgtaatggct cctgcttgac tggattggcg ctggtattgc acctacctcg taatggctcg      660
ttgtccacaa gngtcaaact ggtacgtctc gggctgttag gctcgcaant ttanggggtca      720
aggccatcaa ggcgttttgc cgnncncacc cgnngcttgcc ctgggggg      767

```

<210> 1510

<211> 525

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(525)

<223> n = A,T,C or G

```

<400> 1510
catatatcca tcttgaagat atcccacccat gcgtagccaa atcctcgctt ccgcccctcat      60
ctcggggggcc atggctgctc gtccctttcct cgagcagccc gacactggtc tcgagatggg      120
ccttgagatg ctcccccaagg gcgaactccc taagctcgac cagatgatcg gcccccga      180
cttcgagtggt gctgcccaga actacctncc tatcgagaac tacacctact accgcaacgg      240
tgccgctggc gagtgggtcct accgcaacaa cctcgaggct ttccagcgct accgnttcaa      300
gccccgtact atggntgata tcacaaacat tgagagcact ctgnctacca ccatactagg      360
ccacaacttc tctggctcctt cttnatcacc cctgcgccag ggctggcaat gctaccctga      420
cgctgagaag aactttgtca anggtgctgg cganggtgac attctttaca tggccgntct      480
ntatggctnt ttttcattga ngagaatggc aaaggccaag ggtga      525

```

<210> 1511

<211> 360

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(360)

<223> n = A,T,C or G

```

<400> 1511
ggcggagctg gaggtgcagg cgggtggcaac gatgaattcg agttcggttt cgatcctgcg      60
atqqaqcccq aqcttqctct tqccctacgc atqaqtatqg aqqaqqanaa ggcccggcag      120
ganaaggccg ctcgcaanaa ggaggaggct gcccaanaagg cctntntagg tgatgtcaag      180
gaggaanatg agggtcaggg atcaagcagc aaggaccaan ataaggacaa ganggggtgat      240
gganacaaga tggacacctc ataatanatt atggttccgc tttgcaacat tgcagaaact      300
gtacaatana cacagacagg gggtttttag atgacaagaa gattaangcc cttncgatac      360

```

<210> 1512

<211> 936

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(936)
 <223> n = A,T,C or G

```

<400> 1512
gaagaattcc cggccgcagc aatttttttt tttttttttt cttacagtgg ttgttttgtc      60
taatatacag atgctatcca aaatctgaga tgggtaaagt caccaagacc gacctgata      120
gcttacatgg aatactgtac atgtcgcaag agaaagaagg gtatacacca tcaagaatca      180
ctttcttctt ccttctgttg tctcttttct ctcaaactga ggctggcaat acaccaacaa      240
cctcttcgca tctgccacac agcgcgtctt ccgcaggcgc cacatatcgc cagcatcgaa      300
aaacactttt cctgcttttg tggagcacg tgcaccttaa ccttaagcat cttggatctc      360
gaactccttc ttggtaggcc cattcagget ggtcaggaat gggctggttc agttgtactg      420
aaaacaccac aaanatgtcc tgcagttctt tccacgtagc gtccaagaac agctgccgct      480
ttgccatcct cgatttcaag gatgaacgaa ctctggagaa aactgccaaq caccttggct      540
gtccgtgcct cctctaactg ggccttgaca gcaactgtgga tttcggtgaa gatagcctgg      600
tcttlaagta ccacatcttg aggaagcgte nagecgtagq qgtcaataaq aggcgtatca      660
tatagctgac gagctggatt ctccaaggat gaatcttcgg ccatccatgt tggtn gatgc      720
gaccatgcct cttnacaag cataggagtg atcggcgccn acatgcgaag gaaaccgatg      780
aaaatgggnt caataatacc acctccatca ccgcagtaca gtcggtcttt cagaccctcc      840
aagtagaatg ccgacaggte ggctgcgacc cagcggttaa tcatactaac tgctctataa      900
aactcaaagt cgttgtacga tcccattacc tgttcg                                936
  
```

<210> 1513
 <211> 551
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(551)
 <223> n = A,T,C or G

```

<400> 1513
ccagcaacaa gctgctcgte ctgaacagct tcttcaggat ctcgttggcc agcgccagca      60
tgccccccagc caaggctctg gccgtccgga tactgctcgt aacaacagca acactgagtt      120
cttgatgaac ctgatgagag cacctcagga gggccaacga aacgacttgt tgatgcgcat      180
ggttccgcag caccaaaagc caggacaaat gcctcaggag cctgatttcc ctagggacga      240
ccgtggcccc caactgcaaa tgagacccaa ccaccacctg gctttccgat ggaggatcga      300
ttccacaacc cttctgacgt tgatgcacga ccgaatcagc ctacgcaaat tttgcagcgt      360
ccaccacccc gtccctggcct ggaacaccag atgccaccca gctggatgcc tgggtggncag      420
atgcctcccc ctcagcaacn aaganttatg atccctcctc cagganttcc tggcngtcc      480
gttaggcctg tcggctcctg aacaaaccgt aacatgccat gcctcacatg ttccctccca      540
acttcccaacc c
  
```

<210> 1514
 <211> 665
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

```

<400> 1514
ccgcaactct accctctact atgtctacac tgttactago tgtgctgctt ctgtcatcaa      60
ctgccctget cgtacaccc agaaggttgt tacatctacc atcatcgaga gcacctatgt      120
ctgccctgcc actgagactg gtgctgtccc tgccatgacc acctctactc acgctgttcc      180
tgtgctgtgc accaccatta ccgacactct caccactgtc gtcccttgca agactcgca      240
  
```


taccaagacc	ttccagcctc	ccactacacc	tccccctgct	cccaccgtca	ccatcgctga	300
gagcaccacc	tactgccccg	agactggcaa	gtccaccaag	actggcagct	ctgagggtcc	360
tgtcgttacc	actggtgttc	ccagctctga	agttcctaac	ccccctgctc	ccaccactga	420
ggtccacgag	aagcccacac	actcgggtcc	tactcctgag	aagcccactg	gcgacaagcc	480
tgttctctc	ccgtcgccac	tgctccctac	cctcctcacg	gtaacggaac	tgnttctacc	540
cctggttcctg	ttgtcccaact	cctatgtcct	cctggttgta	gcaaccctgg	tgntnaaacc	600
cctnacttng	gtgggttcttc	aggttaacct	tcttcagtg	nggtttccct	actggttnta	660
ccccca						665

<210> 1515

<211> 368

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(368)

<223> n = A,T,C or G

<400> 1515

tgtttntaga	ggatgctgtg	aagcaggcgg	cgcgcntcat	ctacnttgcg	cagaaggaca	60
acaaggacaa	ggactttgag	ctcgagatga	cctggatcag	cggacctgat	ggtcctacca	120
agggacggcn	tgctgaggtg	ccaaaggagc	tgcggggaaga	ggctgagcga	ttagcaaagg	180
ccgaggatga	ggatgacgac	nacgacgatg	acgatgatga	tgaggacgct	aaggacgacn	240
acaagatgga	ggattagaga	gcgatttgtt	caagaacaaa	aattaaggca	cttgtactat	300
catgatgacg	aattcataga	atttaatggg	tcattctgcag	gcttccgaac	tacttgcggg	360
atgcctgg						368

<210> 1516

<211> 120

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 1516

naanccttca	caanntcgt	gtcnctgttt	accaccaatg	cggaggttcc	aantctgctt	60
accccggeen	ctntctccgc	tgcncttggtg	gaagcangtg	tgnaaagatg	aactattatt	120

<210> 1517

<211> 667

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 1517

ggnggggtgtt	gcacctnata	aataagacaa	aaaggccaga	gaancacctg	caggtgcaaa	60
atggactaan	atcagccgcn	aggttgagaa	ccccgaggct	ntgactattg	ggaaggagag	120
attcgagggt	ananaagact	tcgttattgt	gcttcgggta	cttagcangg	aagaanttna	180
agcgtatgcc	tnagcaacac	caggttctnc	gggagagacg	acgccgcgac	gaagatgggtg	240
gtgaaacgga	tcgggatcgt	gatagagacg	atgatgagag	aaaaaggcat	catcgccatc	300
gtcgccatcg	tgaagacgac	tcgtcggatt	atgaagacaa	ggatcgtgaa	aggcgcaggc	360
gtcaccgaga	tgaggaagag	tacgacacta	aggcaagaga	ttctgaccat	catcaccacc	420

accgcagcca	ccgggaccgc	gagcctgttc	tggaagctta	atccaacaag	caagcacata	480
aagatattac	caccacccca	atgactgctt	tttttagatta	tggagcgtta	tattgaatgt	540
attcaatgaa	aggatttccc	atcggatttg	natcgaattt	aacatatatc	atcagcatga	600
actggccggt	tagcgaggca	ttcaggatac	gtaaaataaa	caaaatacat	ttcgggtcaa	660
aaaaaat						667

<210> 1518

<211> 336

<212> DNA

<213> Fusarium venenatum

<400> 1518

tgtcgaatgg	gtgaacaaga	agtcaaaggg	agagtttgac	attctgttgc	agcctggcga	60
gaacactttc	aggagtctta	gatgggattt	gaacgacatg	gatcctcagg	acgtcagttg	120
tggcaactgg	gggtgtgtgg	cgttccgtgg	aaagagggtac	cgagacagcc	accagggatg	180
cttaaaaaag	ggtaggacga	ggatgaacaa	accacgaatt	ctcttgtacc	atattgtaca	240
gattctgtag	catagctgtg	tatatggata	gatcattact	gaaaagcgtca	cgcattcttc	300
tacactttta	gaggaggcat	gcaggtatgg	tagcag			336

<210> 1519

<211> 545

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(545)

<223> n = A,T,C or G

<400> 1519

cacgtttcaa	actgactgtc	gtcgctccgt	cttccaaatg	ccgtcttttag	gatgtggaac	60
gtgtcgagct	cgtaaagtcc	gctgcgatca	aaccgtccca	aaatgcaatc	gatgcataaa	120
agcgggtcga	gattgtgaag	gctatggttt	gcgtctgtct	tggccccgtc	acaatgacaa	180
gcgacgtgct	atcgctcgac	cacattctag	acaatcccca	ttcaaaggaa	tatccngaa	240
ctatcggtctg	ctgaatactt	cttcgagggg	tatcaagcta	catgatatga	tcttaacgtc	300
agctcaaata	catagcgtgg	ccgttgaagc	agtagccgat	acaccattca	agcctgccga	360
ggacacagtc	tttgcgagac	aggcaaaacc	tttccttnta	ttaaactccc	ctgcaacagg	420
ggttcttgca	aaagttgagt	ccggccaaca	agcccttggt	tcaatatttt	gtagaaaggg	480
cctcgtatct	tataancoc	ttgggaaaaa	tgcccacaga	gtccccggaa	ttctgattcg	540
catgg						545

<210> 1520

<211> 532

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(532)

<223> n = A,T,C or G

<400> 1520

gctaaaagaa	gatccagaat	ctcgacttgt	tctgtacttt	catggtaacg	ccggccatgt	60
cgcacaagct	atcagacctc	tcagctacca	ctcgtttaacc	gacacctcat	cataccatgt	120
tgctcgtatt	gactacagag	gattcggcca	ctcgacaggg	tcgcctactg	aaactggagt	180
aattcaagat	gctgcccacac	ttgtggagtg	ggctacccag	gttgccaggtg	ttccagccag	240
ccgcatttgt	tccttggaca	aagtctangc	acaagccgtg	gtcaagtga	agtcgccgaa	300
aagtacgctt	tacagggtgt	tgagtttgcc	gnatnacat	tgtcgcaggt	tcaagcgact	360
tgggcaaatc	ttttggtggg	gctattggta	ttggaggngt	tgccctgtc	cttgccacct	420
tccgagnggg	ggcctacgct	taataccgtt	tnatccatcg	atttcgtngg	cgaanaaagn	480

gggatttataa atnaccgttt ggnttaatgt tgnngggggaa nanaaaaaaaa aa

532

<210> 1521
<211> 640
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

<400> 1521
tgcgaaagca atcaagctta gtgaggaaga agaggaacga aggcgcaagg agctagagaa 60
cagtaatgct gcttccctct tcgacgatga tcccacgcct tcgcagcaga ccagtcagcc 120
acagtacact gggtttcaatc aggggttacca gcaaggcaac cccgttgact tctttgccaa 180
ccctattgaa cagaaccagc ctcagcctac tggctatatt aacaacgcct acactggttt 240
ccagcagcct cagcctactg gtttccagcc aaactacaac ccaggccttg ggggccaaaca 300
gactggcatg gggttcgacc catttggccca gcagcagcag cagcctcaac aacagcaaag 360
cttcagcctc aaccaactgg ttacaaccca tacctgcaac aacagcagca gcagcagcag 420
cagcctnaac agcaatcctt ntctnccagc gtttccgagc ctactnttca gctggtagca 480
ataacccttg ggcaaccagc aacaggcagc agcaatngga tgcaacnaac cctactgggt 540
tcaacaaccc ctttggccag nttgggcggn cccaatccgg ttgaacnaaa cccatggtat 600
tonttggggc gcttcccga caggaanang ctttaatttn 640

<210> 1522
<211> 586
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 1522
caaacacggt gacaagctac gaagtgacat acaaaatgaa agataacggt cagtttgtct 60
atcagcgggt gtactatata aaggtcaagt ccggcttaac ctcaatctct gttatatata 120
aatctcctaa catccacttc gtacatcaac tacataatct actgaacctt actctcaacc 180
ttcttgcctt tgggtgttcat tccattaggc gtcttcaatc caccaaacac cgctgcagcg 240
acaactgcaa taccagtggc acccatagta tatgcgacct ctcgccagc ccaccagtat 300
acacttggtg acaagatggg acccaggcct cggccaagct gacccagct tcgtaacata 360
ccgagcttgt taccgcgctc gtctctgtga gcctcgaagc tgctcaganc gttcaagcca 420
gtgacgaacg tggcggtatg gactgccaac catgtcgcag ctaggtacaa accaccaatg 480
gtgttgaccc gtcccaagan aacgaaggac caaggcacgc aagtnttccg atacggacgg 540
acatcagggg tgggagactc gtgtaacacc gccctgaagg anggat 586

<210> 1523
<211> 837
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(837)
<223> n = A,T,C or G

<400> 1523
cttcccaaac aaagtgcgcc ttacctgcac tcgcaacgct tcatgctcct ctacctacca 60
ttagcaatgg caactctgga acaccagtta tgaagccgc ctcagtgcgc tcgaggcctg 120

ctggagaggg	tctcaagtat	gcctctgcag	ctgcggctgc	agctgcaagt	gacaagaaca	180
atgtgggtat	ttccccatta	cctccaccac	ctggcgccgc	atcttcaagt	atatctccat	240
tgccacaatc	tcgaagcagt	gctaccaact	cccctgctac	atcctctgcc	cagcccgtt	300
ctcaacaacc	agagtccaag	cagcccacac	cggcgccagc	acctgctgaa	cccagagcctg	360
tgctacgcc	agcaccctg	cccgcaccta	caaaaccgtc	caagcgatca	aaggctgctg	420
gaaagcaggt	tctgggtgcc	ganactccag	cgccgtcaaa	gcccgcagg	acaaatggca	480
catccaatgg	tgtcaagtct	accgaggaag	aggaagagtc	catctaccac	ctgcctgcat	540
cgttgcaaga	tctgggtgat	acctatgaga	cttcaagaaa	gcgccatac	cctccctccg	600
caccatcagc	attacgcatt	atgactgcc	gccaggccag	ctgccccgat	gttggtgatg	660
ccgatgtgcc	acnaacatac	cgaccggaag	tgccggtacc	cccaacagga	tccaacttcc	720
cccngagcc	gtcccccttt	tcgacgaccc	gcggtgttac	tcacgcacgc	atcccgcac	780
tntgttctac	gtgttctact	ataacaaggg	atccgctcaa	cagtacatgg	ctgccaa	837

<210> 1524

<211> 471

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(471)

<223> n = A,T,C or G

<400> 1524

naaattntn	ccattotttc	acgaaagaca	ccgtcgatca	agatgagagc	caaattggaga	60
aagaagcggg	ttcgccgct	caagcgcaag	agaagaaaga	tgagagctag	atccaaataa	120
acgcacgca	actcaacctg	acttgacaca	tctctcatga	tgttacgacc	tcgcacgcct	180
caacgatacc	ttggccgaag	cagggcacct	gccattctgg	cgctctggg	atttcccaca	240
acgcaatgag	ttgggatttg	actttgggaa	ctacgtcagg	gtgattgaac	cccgcacttg	300
agcggtgtgt	gtggcacaca	atgaacatta	tggtggatgg	aattatgaca	atcgaatggt	360
taggcaaaag	gcggtgttgg	atcgactact	atcaaatgct	caccaacacg	aagcatcaga	420
acaagattct	aagacaaaga	aatacaggg	tttcttgaca	aaaaaaaaa	a	471

<210> 1525

<211> 559

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 1525

aggaagagga	gctttgatgt	tcaacagcat	ttttttgatt	tctgattaga	ttagtcacat	60
tataagagta	acggctggaa	aactgtatcg	ttcacaatta	ccgattactt	atttaaaggg	120
cgacaaagtt	tctatctatc	tatctcgttc	tggttggcac	aaaagacggt	ttctcccat	180
atccatattt	agaacttttt	tttttacttg	ggccattttt	acattcctac	cttgaacccc	240
accatcgtea	cctaccctac	cgttacttgc	ccaaatcact	gtcgtcataa	tgccgtgtgt	300
caacccggac	aagctaccaa	atctacnaaa	acaatccact	aattattcaa	atatttgcac	360
ctttggccca	cgttgcctat	gcacaaacill	cacltactga	tgtctgtntc	ggcacaacatg	420
gcattatctn	accaaagctg	gcggggaaag	atcnatnctt	gaactcaggcc	tgtgaageng	480
actcgaggat	cacaaatngaa	tcgtccgcac	ttacttactt	tgcccttctt	ggaaanagcc	540
ccgacctnan	ccgaggttaa					559

<210> 1526

<211> 583

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 1526
 cttgacttcc aaggcgcagc aaatctactt cctgtggtac gagaacacaa ccgtcgttga 60
 tacagaggac gctcccaagg gacagcaggt cttcttcagc cctaccacgc tctaccctt 120
 ctggcttggt gccgtctctg actacctcaa gaacaacctt tatgccgttt acaatgccta 180
 caagcgtggt gaatactacc ttgacaaccg tgaggggtgt atccctgcga gcaacgtcga 240
 gactgggtcaa caatgggata agcctaattgt ctggcctcct ctgatgcaca tccatcatggc 300
 tggacttgag agagtctctc caacattttg catcctggac ccttccttca tccaagtcgc 360
 cagactggct cttgcctctg gacagcgata cctcgactcg actttctgca cctggtagcg 420
 aactgggtgt tcaactctcg aaacccccaa actccaaagc acatccgacg aanaagaagg 480
 catcatgttt gagaagtacg ccgacaacgc taccaacgtt gctggaagtg gtggcgaata 540
 caaagtcgtc naaggctttg gctgqacaaa ccgtgtcttg atc 583

<210> 1527
 <211> 519
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(519)
 <223> n = A,T,C or G

<400> 1527
 cttgctgatg aaaaaatgaa agaaattatt ggagataaag aaaggcttac ntaanggaac 60
 acggtntctga tgaaggccaa ggaaggactc ggaataantt gaaacgcgtg ggaattgggc 120
 nttctntgcc cgtntnctca aaaaggaaaa aatnctctgt tgattcactt cttatatcgg 180
 agtattttga anttaatcac agtcttgaag gcttgcttcg catatttgaa ggagattttc 240
 ggcattggtc tegtctctac cgatgccccg gtttgccaga aaggatgtcc cgtttacaaa 300
 cctggaactc ggaaggatca aggtggtggg ttctctggat acctctacct tgactgtatg 360
 cgcganaagg taaatatcng gcgcacacag ctctctcttc caaccngggc ttctttactt 420
 cagacaacaa cgnattatc cttctcatct ctataactcc ctctttcata cccgcggggc 480
 tccactctct tctacctccg aagctccaaa caatgtttc 519

<210> 1528
 <211> 618
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(618)
 <223> n = A,T,C or G

<400> 1528
 cttaagctgta ataacctctt ttctattgatt agatatcaac taagggggct agacatcaca 60
 acgggttcat atcgccatgg ctctctacatt attatggatt ggtctcggga acatggggag 120
 gggcatgagc aagaacattg ttgagaaggc caacctagac ggacctctgc tctgtacaa 180
 ccgtctctac aaggaggacg ctgactttag tgctacactc cccgacggca aaactgaagt 240
 tategagtc cttgcgatg gtgtcgcaag agcagatgtt atcttctctt gtattgocaa 300
 tgatgaggct gtccaggaga cttataaaaac aatgcttgag agcgatgtca aaggcaagct 360
 ctccatcgag agttcaacta tccacccaga gacaaacgaa gccatcgcca aaqatgtcat 420
 cgcacaagggc gcccgagttt gttggccgca cctgtgtttg gtgcccctga gatgggcga 480
 aactggctcag cttgncnggg gtgcttgctt ggancgtctg ncagtgggtc caaaaagcca 540
 aagcgtgggt ccagggcgtc accttccaa gccgatattg anctttccga acaagccgta 600
 caggcaagggn ttttgact 618

<210> 1529
 <211> 634
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

<400> 1529
 agctaataca cccagactc tcaatcaaga cccaaatcct tgtccccaga ttccattttc 60
 gtctactgac atttctatct cgtatatccg tatttccccg caattcagtc tccgatgcct 120
 tctccaatgg ataccgagga tagtcccgat tcccggccca aggaatccag caagcgtcgc 180
 cgtctcaatt tcgcctgcaa ttactgccqg aatcggaaga cccgggtgcga tgagcagcaa 240
 cttcttgcaa agcatgcatt tcagcgggaa tccccggcgt taccgaanac agacgtaggg 300
 cgggcaagtt gatcaagcga cgcgaggcag gtaaatccat tgatggatcg tctgttgggt 360
 ctggaagtc atcgaggtac ggaatacatt cagtcaccga gaatgtctca acagaaggcc 420
 ctnaatcgca aaagacaact gacgacgcgt ccatntttgn ggcgactggc cgatacgtgc 480
 aaaatcgcaa aagtcgcgana cagtcgctta acaaaaagtc ttnccatacn gatactatca 540
 gtaattcnct ggcgatctta aacaaaatcg ggtaccacgt tttttcangt tttgatgagn 600
 ggntggatct ttcggctttc ggttaatggt ccct 634

<210> 1530
 <211> 295
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 1530
 cgctgagatt acagtgcccc ttagcgagct aatcctcgac ttcaccgaca tcacaggctcg 60
 ccagatgtca tttaccaacg gtcaagcagc atgctctttt ggaatcgcac cctcgacccc 120
 acaggtttcc attctgggtg acacattctt aaggagtgtc tacgttgtgt ttgacctgga 180
 aaataacgag atctcgctgg cacagagcaa ctttgacgcc caggctctca cattctcgag 240
 attgcacagg aaaaaatgct gtccggtgca attgggtgcan gaggaccaca ntttt 295

<210> 1531
 <211> 544
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 1531
 cgtcgacgac gtcttgcgaa ggcattgcgat cattgtcgca agggtaaaat tgggtgcgat 60
 ggatctcgac cagctctgtg acgttgtcgg ggtgggtgaa gtgagtgtca ctatacagat 120
 gttcacaagc ccatccacg tcgaagtcgc gtgcgctctc aaaactccgc tagtccatag 180
 cttagggggg agacaacgaa ttctgttcaa cccctgcaat cagactccat tctctgcaq 240
 ggaggtaacg agcctcagcc tgttggtgaa gaaacctttc atgagccagg tggattgaac 300
 agaacagctc gacccccag gatgcgatat atggagagcg cgaagacatg cgatactttg 360
 gtccggcttc gggcatactc tttgcttaac tgcaccana aagacggacc ggcagaaccg 420
 gnntatggct natggaccac aattttngac catattcgaa gggaataatg aaacttacca 480

540
544

```
<220>
<221> misc_feature
<222> (1)...(496)
<223> n = A,T,C or G
```

```
<210> 1533
<211> 627
<212> DNA
<213> Fusarium venenatum
```

```
<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G
```

```
<210> 1534
<211> 614
<212> DNA
<213> Fusarium venenatum
```

```
<220>  
<221> misc_feature  
<222> (1)...(614)  
<223> n = A,T,C or G
```

```
<400> 1534
ttttctttct ttcttccttc ctggtgacac tcattgccaa gatttgctgg tttaatcgt      60
gcgagccacg gtttgcataa aagttgatcc tgcttacgaa cccaacaaga tactttgcta      120
```

ttgacacctg	attcaaaaac	cagctgcccc	cacatttcaa	gatcacccat	ccccatcaag	180
tttgcgacaa	accctccgac	aaccgtttct	gctttatcga	aatgcccga	ttcgtcagca	240
cacctctcta	cggcggtgca	atcacttgcg	atctgcccgc	taagtccgcc	gatgtcagca	300
agttgcgaca	agtgcctgat	aaccaggaag	tttggatcga	ccaagatggg	ttcaccagca	360
tcatatttga	tattaccgag	cgtgtcggag	gctctggctc	aagccccgag	gttgacggcc	420
gtgctatgac	gacccatctc	gaagatatgg	ttggatcaga	cattgatacc	gtcaagatct	480
ggaacactgg	ccgagaccga	gtttaccaga	ttaaatggna	caccgggcta	cacgctnant	540
ttcacacaga	ccctcacgt	tagcaagtn	cggggaacaa	ccttttgngc	ccgactttac	600
tggtatnate	ttng					614

<210> 1535

<211> 614

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(614)

<223> n = A,T,C or G

<400> 1535

cctcttcatt	ctcctctca	cctttcaaag	taacatcact	tcgatacca	aatctaacga	60
ctctttcacg	tcgatcaca	caccaccaac	acaactccct	tccacacaat	cattcacaat	120
ggctcgcgcg	ggagactcag	cagaccaagg	tccacttcaa	gggcagtgat	gactttgtca	180
tcttcattga	cgatatcgag	acctaaccaga	agtggagagc	cgacaagagc	atccctctgg	240
ctcacttcat	ctcctctttc	aagatcttct	gcacacacgg	gacaaggagt	ccaggggaac	300
actcgacgca	gcttccaagg	ccgctcttga	gaacgagttt	ggtacctctg	tcgatgacga	360
tgctattaag	cagatcctcg	agaagggcga	tactcagacc	actgagttcc	ccgagcgtea	420
aggcaacaag	aacgacaaca	agggtcctct	catctcccac	tagaagttag	caggggtgcca	480
gacgatgttc	catgcagcgg	gcgtttgggt	ttttctcagg	tttagcgcca	antcaattac	540
gacaaactgg	ggcgttggtt	tgaacaacaa	cgtttgctct	gtccgaaatg	gttgggcaat	600
tggtgttggg	cagg					614

<210> 1536

<211> 282

<212> DNA

<213> Fusarium venenatum

<400> 1536

atacggatta	acacgtttcg	aacctgcttt	gaaacatatg	gtggaccato	tggcaagggg	60
catctctgag	caaactcact	tccctatgt	aaagccaccg	ctggacccca	atgagggaact	120
tcatctagca	cagagcgctt	ctcttcgtgc	cggccgaccg	aactgggcat	cgctggctgc	180
cgctctcaga	gaaccgacag	cgattgattg	ttttcatggg	tqqaqccta	catacaagcg	240
aaagtcgggg	gtgttacaaa	gttggggagg	cccgaaccca	aa		282

<210> 1537

<211> 1085

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1085)

<223> n = A,T,C or G

<400> 1537

tgtacctaca	cttaaatagc	ccgaccatto	ttaaaagaga	cctgcttagt	agcctttatt	60
ccaaccttat	taactcttga	ctctgaatcg	catttccctt	ctttacttta	cttttagtacc	120
ttagtatact	tacttatacc	cacctactac	atcattaact	gccaactctt	gatattttct	180
aacctaccaa	caaacacctt	gcacaatcct	atcgctgcac	tctagaaaca	acttctctcc	240

tcgtcgcata	cacttttcaaa	tctactttcc	atggccgatt	tcgtctctcc	agctggccccg	300
cctcctccca	aggcccccca	ggtcctctgc	ggatggggccg	tgcatgga	cgaccagtac	360
aaggaatggt	tctacgtcaa	cgtatacacg	aaacagtccc	aatgggagaa	acctactgcc	420
cccgtcttcc	ctaatagatga	cgggtgcgcc	gccgggtcctc	ctcccggata	cgagccaggc	480
aacacgcctg	tagttacaga	caccaagaag	aacccttatg	aagatgtcac	agccagcgcc	540
ggtggttcat	ctcaagacga	anacgccaag	ttagccgctc	ggctccaagc	cgaanaagat	600
gcgcgtgcgc	tcagtggccc	tggcggcccc	gatgttccctg	caggatatgg	cggctcgaat	660
agnccgttcc	cccagagcaa	cagcccttat	cctcaacaac	aaagcggcag	cagttacccc	720
gcagaactac	ccccgagggg	ccgggggtgct	taagagtggc	ggcttcctag	gaaagtgtgt	780
cggttaagggc	aagcagatgg	gtgacaagca	tcaacaacaa	ggtgcttatn	ggtgggtatg	840
ggggggctta	cggtagcatg	ggtgggtggtt	accctcanca	gcagtactat	cctcagcaac	900
ctcaggggtg	ctacccagga	catggccctc	ctatgggcta	tggcgctcac	ccnttatgg	960
tgggtggttac	ngcgcaccan	ntggctatgg	tggatatnga	agcggccccg	ctaccgcaa	1020
catggcggcg	gtttccgcng	tgggtggtatg	ggaagtggtc	ccaaccgga	agttgggggtt	1080
tgggc						1085

<210> 1538

<211> 395

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(395)

<223> n = A,T,C or G

<400> 1538

gagaagctca	cacaacaatt	ggacgagaag	tcgcgcgata	tatctaagat	ggtcaaggag	50
attaacgaca	tctctggtag	attaaacaag	ggtgctaaac	ccgaggaccc	tctgagccaa	120
attgtccgtg	ttctcaacgg	ccaccttaca	cagctgcaat	ggatcgatgc	taatgcctca	180
tcggttgaag	ccaaggtggc	agctgctcag	aaatcaagca	gcaacctagg	aagtcactat	240
gctggttcgg	ataacgatgc	ggnggagagc	ttctatcgct	catacatggg	acgacnatga	300
aggggaaggat	tgtaattggt	gggattggag	ttttanggca	nggaatccag	gtatttnttt	360
tcgaagatga	atnttaaaca	gagcatgcgt	aaccc			395

<210> 1539

<211> 713

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(713)

<223> n = A,T,C or G

<400> 1539

cgaacgtttg	acgggtccaac	cattctatcc	acttcttgat	tgtataagtt	ctgtatcgca	50
tctttcgctt	caaaccgaca	tcattggctcg	cggtaaccaa	cgtgatcagg	atcgtataaa	120
ggcccanaaa	aaagcaggag	gagagaagaa	gaagaataac	cagaccggta	cccaaatgca	180
acaatccaa	gagtcacagg	ccgaattcat	gggacaaaa	caggtctgctg	ctgaggtctg	240
caggccgcgc	gaggccgcga	anaaataaaa	gctgcgattt	gctgtacgaa	cactatccac	300
ttccactcaa	aaaattacca	tcgattgtct	gtccggaata	ccacaactga	aaaagatgga	360
ataaggacta	cagagagggg	gcggaanent	togaaaccag	acnttttttt	cagcgatgca	420
acgaaacgat	ttttgggcag	cacaggcgaa	gcggtgcaat	aatacgggtt	gtttttcana	480
aactataact	atagcctcgc	aatacatctt	tgggatgatg	tttgctcgng	atggctaaac	540
agcgagctnt	aggggcccctn	ccgtcttttcg	tenttctac	tctttgntct	tncttgggaag	600
aaatgggttnc	cggacanatg	attgattgnt	tngcgtgata	cananattaa	ccnctccaag	660
ggaccagtca	atcccttttg	ggaggngacc	actctcnaat	gttttaaggc	ngg	713

<210> 1540

<211> 589

<212> DNA

<213> *Fusarium venenatum*

<400> 1540

ctacacacca	ctcgacagct	tgacgacgta	agagcttctg	cagccttgtc	aaccaaagtt	60
gccttttaac	accttttacg	tcaccttcaa	cattactgac	cacaattctt	tctacccttg	120
gcaatcagta	aatactcaat	atgccaatct	caccaatcat	cacatttaag	gccggccaat	180
gcgaggttga	tgctctctcc	aagccctaca	aggtgaagcc	gcaatctgag	cctggctaca	240
tctacctata	ctccgaagat	gatcttgtag	atttctgctg	gcgcaagcgc	agcgagccac	300
tcgacaaccc	cgagctggac	ctgatcatgg	ttcccaccga	tggcagtttt	actccctacg	360
aatccacgac	atctttctgaa	cccacctcca	agactgatgg	ccgcattttt	gttctcaagt	420
tctcgtcgtc	ctcccaacga	tacatcttct	ggctacagtc	aaagccccag	agcgagaacg	480
ggagaccagc	ctactacagt	cctcgtgata	gtaagatcgg	cgaaatcgtc	catcgattgc	540
tacagggcga	tgaaattgaa	ggtgggcccga	agaaatgggt	aatgtccgc		589

<210> 1541

<211> 590

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 1541

tttttttatg	aacttggtgc	ctggagccat	tttttttctt	ttgttcaatt	acaacaactg	60
gateacgcaa	ggggcgagaa	attaattagc	tactggataa	tgagttcttt	ttcaattcct	120
tgaaacctcc	cgaagacaca	cacaacctat	catggccgac	gattctaccc	ccctcgtctc	180
tctctcgggt	acctatgtct	actatgacct	cgaaagatca	cctctcgtct	gtatgcgctt	240
actctcgtct	ccctccccaa	gccctctgct	tcgtctatgc	tacactcgtg	ctctttactc	300
gogaagtcca	agtcgccctt	atgttctctg	gtcaactcgc	ctgcgaagtc	ctcaactttg	360
ctctaaaacg	tctcatcaag	gaagaacgaa	cgcgtcgtat	acatggtaaa	agctatggca	420
tgcccagctc	ccacgcccag	tttggttgctt	tctgganctg	ctcccttgct	ctgtttctgc	480
tcgtccgtca	caagccccct	cctgtgctaa	angggcgggg	cagaaagcng	tgtgcaccga	540
acatggaatg	ttgtcaaaaag	ggtccaatga	atgtggctng	catggcgatg		590

<210> 1542

<211> 645

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(645)

<223> n = A,T,C or G

<400> 1542

tttattttac	cggagcagag	ctgctttttc	ttcatttcaa	cgtttcgggt	tattgtctgc	60
tacagaatta	cgcaggccat	gcacttttgt	aaacccgttt	aaaagtttca	atttctaatt	120
gcagatatgt	ctcagcagat	ggccaatgag	aagggcgaag	canagaatte	tactctattg	180
acacctgagg	ctatcaatgg	agctgtttct	cctagtccaa	gtgcaagctc	ttttactttc	240
tctattgaaa	caagcgattc	ggagttcact	tcctcgtggg	caaagttgca	agatgtttat	300
tctcgggaaca	tcgactcttt	ttatgtttct	ctggcacagc	tggtcgtctc	cattatgtcc	360
atgacaaaca	ggctctttgt	aactggattt	gagacaaaaa	ttcargctct	tcnataatc	420
ttcgtccgaa	tgcttgccac	tgcaactgatt	gggtctttct	acatgngggc	agaaaaagcc	480
cagattttcc	ttttgggccc	gcgcgaantt	aaaagattgt	tggtgctgaa	aggcatggcc	540
cggatccggn	gggtctttng	gtcttttaata	ttctctttca	tacctcgacg	ttcccacgcg	600
acgggcatna	cttttctggn	cccgaactnt	gacagattna	ttgnc		645

<210> 1543
 <211> 512
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(512)
 <223> n = A,T,C or G

```
<400> 1543
gctactcttta cttaccttgc tggtacttca ctacacccaa atctcgtatg tcgcgttgaa      60
gacgtttccc tcctcttttc gtctcttcaa cctgcctctc ttcaactacg gtcgtcgccc      120
tcggtccggtt cttgaattga tagtatagcc actaaaattcg atttgtcgcc aatcattttc      180
taattaaacaa aagttctcagt ctcatattga ggacctcact taacttcaact tctcaaccgt      240
tctttacacc gggtgctctt cagcgccctc attaatattc aagatggcga ctcttccgt      300
aattcccaca gattccaaac gcgacaccac cggtcagttt cacagaatca caagaggaaa      360
ccgcagcctn tggtagcaag ctgactgtct gcaataacca aagcgagccc gancatgcgg      420
ttccggtatg aaagccaaca agcgatcgcc gaccggttga tctccgcgcg tgnccagctc      480
cgaattgttg aangccctc tctngaagag gg                               512
```

<210> 1544
 <211> 626
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(626)
 <223> n = A,T,C or G

```
<400> 1544
aaacttttate gatacttttc agtgcttaac caacccatgc tccaatacga ctcatctaca      60
ccttaaaccac gacctccana accaggcgac gacggtcgat gccttgagag tacagcgctt      120
tgcgacacca atcgactcct gatactgcga ccgtcccgcac tatcaacggt ccttccaccg      180
aggtctaaaa gacaaaatgg ccatgcaatc ttcactggag gtgctgaaga acacgcttga      240
ggagattgtc aagaacccgc aataccatga tctattatcg ctagtcaaga cggcgcgcaa      300
tggatatnatt tacggaacca agngcgggt tctcatgcgc tggngatggc tttntttccg      360
ctccggaaca ttncgagaaa aggncaaatt agtccttnga gcgacgaaac accatgcgaa      420
caacttggcg cgcttcgtac cattataagc tgccatgttg gcctcaaate tttggcgcaa      480
acgtggaagg agggacatac acttttttga ggcggtcttg gngnggtttt tttntttgng      540
gggatcaanc nccagqaaaa atttttttca accaaantcg ntctcgtttt ggcgtgtatc      600
tccccctccn catgttttaa ctgggn                               626
```

<210> 1545
 <211> 881
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(881)
 <223> n = A,T,C or G

```
<400> 1545
cttgcaactcc attgaaccca atgatctgag ttttctgttt ctttactttg tcctctcttta      60
agtcttttgat agtcccact gtgacagggt cgcaatggag gatgagcgag gaactcgctt      120
gcttgcgctc atttggacgt tggcgcttct aagtcttata ctattgtttc tgcgtgtcta      180
ctgcaagcga tggcgaggca aaggattgtg gtacgatgac tggttcctca tcgcggctca      240
```

ggtttagttgg	agctctacct	acttaaatcaa	caacatcgaa	gctgttggtg	ctgaccagtg	300
gatctgtccc	gccttctagg	taacactaat	gatctctgtc	gccatcaaca	cgtatttggt	360
ctctctgggg	ttcggccggc	acaaggcaac	catcagcgac	gaaaacttga	aaacgatcaa	420
cctcaacact	atcgctggag	ctgctttcgg	catcatcgca	acgacgacta	gcaaaacgtc	480
cttcgctatc	accttgtacc	gaatcgccac	caacgtatgg	atgaaatact	tcctaattct	540
cgtcatcata	accatcaatg	tcttcatgaa	cttggctcgg	atcttttggtc	ttgccaaatg	600
ttctttctct	gcccagagtct	tcgataaaatc	ggtagccggg	acttgctggg	acccaaaggc	660
gctacttcag	ttccaattat	ttgctgccta	ctattcgccc	gttctcgact	ttgtcttggc	720
actctctccc	tgggccatct	tgatgcgaat	gactatgcga	cgacaagagc	gacttggaan	780
tagctgttgc	aatgaatttg	ggtgctattg	ctggtatcac	cggtatcgtc	aantctgtct	840
tgtggtcagc	atgaaaaatg	acaattttccc	ctacaacgcg	t		881

<210> 1546

<211> 299

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1546

ntgaagccaa	catattctac	ccttttcgtn	tccttacttt	cattcacaga	cncatatct	60
ctgcataaac	gggaacatga	ccttgaacca	agagttataa	gtgctnntat	tcagcgctgc	120
catgtanatg	atccctttgc	ccatgancca	caacgtntaa	ncaaaagaga	tggcacggtc	180
aatgttggaa	tcgacaatga	gcaatcccta	tacttctcca	acgcaagcgt	aggaactcca	240
ccacaaaaact	tgcgccttna	tntcaatact	ggaagnaattg	atctttgggt	gaatgcattg	299

<210> 1547

<211> 250

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(250)

<223> n = A,T,C or G

<400> 1547

cggtttggga	gctgagcggg	tcctggcggt	gcttctcaag	ctctggacag	tcgagagggc	60
ttgcttgtat	cctcggtaca	tgggtagatg	caccngtaaa	acgaactggt	gatgagatgt	120
atgaaaatgg	agtatagggt	tatgatacag	tgaacacagat	ttctagtaca	atctanqqat	180
aaaaagcgat	actgctttac	tgatgcaaaa	naaaaagnan	aaggtatgca	acagatngng	240
attatataaa						250

<210> 1548

<211> 554

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(554)

<223> n = A,T,C or G

<400> 1548

cgcgtnctgt	ctgtcggtaa	acgaaaactgc	ccgatggcat	aaatccacaa	gcagtatgac	60
cacctactgc	ttttgtcttt	atcctctnca	aacctatttg	ttatgcccc	tcagcgctna	120
tcattgggtcg	gatgtacaag	gtgcaagagc	ttcaaaaaga	agtgcagcga	ggagagaccc	180

ncttgctggc	gatgcaccct	gnctaacgca	aagtgtgaat	acnccgtcaa	gttgcgctgg	240
ggagggcgac	ccttcaatcg	ttcaccgttn	ggggagtgtt	tgacccaaaa	tgaaggaaaa	300
gttgaaagat	tanattttaa	caataaaaaac	tttattttacg	tntctccttn	tactctaaac	360
caaatacaca	aaggetgngt	caccccggtta	caagaggtcg	atagaacgca	atggatatca	420
acttcgcat	cagcaattcc	aaaaacatcc	gagntttcna	ggtgggtttt	ttntccgaan	480
anccactatt	cctnttccact	cctntgaaaa	gttttcggtta	ttttgctcct	ttnacanata	540
aggattttat	tttc					554

<210> 1549

<211> 600

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 1549

gccaaacatt	cgagttgata	attagcccaa	gaggagaagc	atcggcataca	tgtcttcacc	60
agtcgccaaag	gccgtctgcc	gcgtcacgac	cgagcttcga	ggcgttgctcg	tctctgctgg	120
ccttatggaa	aagactgtca	aggttcgagt	aggcggccag	aagtggata	agaccgtcaa	180
taagtgggttc	gccgacctta	aacactatct	agtccacgat	ccgaactcgt	ccctacgaac	240
aggcgatgtc	gtttctatcg	cccctggatg	gccaaacttnc	cagcacaagc	gccacgttat	300
caaagacatt	attgcacctt	acggtgttcc	taccagcgag	cgctcgctgt	acccacactg	360
gaggaaagga	tagcggatta	tgaggccaag	aaggctgcta	aggatgagcc	ggaggcgagcc	420
agacgacaag	aagaggagaa	caaaagacga	ggaagaaaag	cgattggnaa	ctgaaaagaa	480
ggaggccaag	cgtanggctt	ggaangaggc	naacaaaaac	acaaaccgga	caccttacga	540
acgatnntgg	cttgaatcac	ctaaatnttn	catcacacac	atgaccana	ctatnttttt	600

<210> 1550

<211> 717

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 1550

ggccattggg	atattattgac	gggcaaatta	gctgccaaagg	tggtgtgttcc	ttggggaccg	60
cagggttttg	aacttaanaa	naaagctgtt	ggtcgcgacg	gaaaanaaaa	gacaaggagt	120
aacgtcgtea	gctgcatggc	atggagagag	gatggttggg	gagatcagtt	ctgcgtgggt	180
gggacatcag	gcgtggtgac	ggtttacgga	gcgttgtaaa	tatcagttat	accactcgag	240
tctgccaaac	ggcgaagcag	gcttctgcca	ggactctaata	ggtgaaccca	tcactctgaa	300
caacgttata	tttttttgca	tatagcttga	tttattattg	aaatgaaagc	tacattatct	360
tcaagggcat	tttcagattc	gtacatagac	aagatgttgt	ccatcatgag	actccgtata	420
gattgcttga	acattaatcg	cttcccacca	gcgcgaaac	cgtgacccaa	actgccatga	480
ttcaaaatgt	ngatccctt	tttatgcata	aaatgctggg	tttctgtaac	tatcatgtgt	540
ttgtttttca	accataacgg	acataacttga	accagttggg	ccgacaatct	tcogatgtaa	600
ttagggttcg	ccatctgtta	gacgaccagt	gacgcagccc	ttacactttg	gagagttggg	660
acagttgaag	aagggaatat	gttgatattc	aatatcacgg	aaccagtga	tttgcct	717

<210> 1551

<211> 506

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(506)
 <223> n = A,T,C or G

<400> 1551
 gctacatcca caagtaacat cgttgtggcc gagcatatct ttacacagc aagaggatct 60
 tgtctgtac cacacnacaa cggcgctgtt gcggttatcg atggcgagac ggtcaagttg 120
 actccattca ggacagtcaa cnggccacct cctatgtcaa tgtttgacat cacagcttct 180
 gctgctattg ccgacgttgc ctttggctgc nacaatacct cttttgctat cctccaccga 240
 aagggtatcg aaatctatac ctggcctgnn aagaatggca ggtctatcaa gccacaagtg 300
 tcaaagaaaa tcacctttga cgagatggcc ancccagggtt acaacgttct tttgaggatc 360
 gccgctgttg ctgacgcttt ccaactacttc ggtttngagg aaaaaaatgg gttcgtccaa 420
 cgatctgtac aggcctccggg gngggcgatc gtctgttgct gatgtcaact ctcgaaagat 480
 cttgnttgct acaccagtta ccaaaa 506

<210> 1552
 <211> 641
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(641)
 <223> n = A,T,C or G

<400> 1552
 atcttatacc tgatacgaag ctaccccgcc atcgacttac ctgtttacga ctttcacctt 60
 acaactacaa caacaattac tacatatctt anccctgatg tctaatectg anaaagctcc 120
 tatgtattcc gntgggtgacc agcacggagg cggttttattg cctaccgccc agccagggtca 180
 ggagaatccc cctcacgata attccgcccc tctgtgtgac gagcaaggaa cagccgagct 240
 ccccgagcat gagaagcaac agcagcctcc tnaatatgcc cctccccctg gaggcgaacc 300
 atcacagtct gccgcggatg agaagcaaag gttgggacag cagtacttcc cacctcctcc 360
 tcttggtcct cctcctgcgc aggaccaaca tcagcaatct gccctcacc caaacccgct 420
 ccagggtaac ccagtaattg cacctcaaca gcaacnggcg actcaacaac ccacgcatgc 480
 ccagaaggaa cagcagagct acgccatccc acaatagcat cctgctcacc ctactttcgc 540
 gctcctnct acaaacccta caaaccttac aaacgagtc agccagccac caccacagnt 600
 tctgttcaaa gagaaccctt cggncacggn aatgatcaaa c 641

<210> 1553
 <211> 205
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 1553
 ctgggtctct ggaaacgaga tgtggggagc atggcaagtt ggccagatga caaaggaaga 60
 ctnggcaaaag aaggcctacc aatgggccaag ggccatcaag cttctagacc ccagcgtnac 120
 cctcattctt tngngngaga caaggacaca gcacctggga ctntacggtt atnaaggntg 180
 gcttnaagtt tgnttacacc ggttt 205

<210> 1554
 <211> 426
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 1554
 agactttacc aaaaacatta cctctacaca atcaaaatgg gcagacttaa caacggcgac 60
 tggctcctcg ttggaaacag catntggagc gatgacggcg agacagagtt ccgcatgcaa 120
 gacgatggca aggtcgctgt ctaccatggc gaagaatgcg cctggcagaa ccccccgaa 180
 cagaactggc aagttcacgg aatcaagatg caagaagatg gcaacctagt catttacgac 240
 aactctgggc tggacatgcc atctggcaca cagacactgc tgnccggcaag ggcaacaagt 300
 ctacaactct tgtgggtgcag gatgacggta acgttgtgtt gtacaatgag ggtgggtgatt 360
 ctntctggna cactgttgca acaagtagaa ttatcnttaa ggaaatgaag agggctctntn 420
 aacttc 426

<210> 1555
 <211> 578
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 1555
 catcattatc aacatccaca acaacaacag ttggccccac aggctcaaca gcagacccag 60
 gcagcatcag tatcagcaag tccaacaccc acagcagcaa caacaacagc aacagggctcg 120
 gccaggaagt aatggttctc ttggacgact ggaagccttg gttgccgttg caacaagcga 180
 agggctcaacc gccaaagcgt actgagatgc cagccactc ttcttnggtt gcaactataac 240
 tctttatgga gcaactcatc cctccgaaca tctgtcgctt caattgtacg tggctgcttt 300
 gagacgatna tgactttaac gattttacga cacatttcct tgaaacctgg ttccgcttga 360
 tttttaccgg gaagcccnaa cgaancacnt tacgggcatn gctttgtcac atgatacacg 420
 aancatgata tctttngtct tgtctacatc acgaactccc tactcnggga atcnaccttt 480
 tcttttttgg cacaacgat agcattcgac gatattccan cttgatangt ccttccgaaa 540
 anacattcac ntcancatat ctnttttate taaccctg 578

<210> 1556
 <211> 393
 <212> DNA
 <213> Fusarium venenatum

<400> 1556
 ggaacttcat tgttgtcatg gtcactcccg tcgctctcaa caccatcggc tggcagtact 60
 acatcgtgta cgctgtcatc gccgcttggt ttcccatctc ggtgtacctc ttcttccccg 120
 agaccatggg tcgtagcctt gaggagattg agctcgtctt caaggagtcg ccttcagttt 180
 tctcgactgt caagttcgcc aagaaccgac ctgcgcgaaac tccccagcaa ttctcgccta 240
 gcaaggagaa ggccgaccac ttggaacagg gcgatgaata aatgggcaat tggatttttag 300
 attgggaagc gaaagaaagc gtttgcgttt atgtttgacg acatttttga tagacaacta 360
 gatcaataga atactagtat gattacgaca tcc 393

<210> 1557
 <211> 531
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

```

<400> 1557
gaagcttttcg cttgttttct ttttcttcat tgnngagaaga naaaactggt cttgactcag      60
ttgtttttatt tatttcttgc taccactaac tctacatcac ctaattgagc aaagttgccc      120
aaaatggctg aaaatgtgat ggccgcctac tgggatctcc cagctgtctc ccgaaaccta      180
gttactgtctc tagtgatgac atccgtcact tgcaagctta accttgtgtc ggtctactcg      240
tggtctttatc atccgacata tttgtggatg ttccctccac agatttggcg cctcgnaaca      300
tccttcttcg tcgagctgaa ccccatcaat ttgctcttga attgcgcnc tntgttten      360
ctacggcaat cntctggana tgggaaacgc tcntttntcg cgcaaggcg atcttgtctt      420
ttcattctct tttctgnnc aagaattctg gtaagccttt gtctacacac ccgngccttt      480
gcatcattcc tacngtccc ctttcaaaac ccccttatt ntatnttgcc c      531

```

<210> 1558

<211> 538

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(538)

<223> n = A,T,C or G

```

<400> 1558
ctggcttcaa cttctetaat aataataccc agaaacgcc a tggcatctcc ttcgcttcca      60
gaaagttaca cctctcttga tcttccaact ctccaactct tccatcatcc tccctcatca      120
aaagangtca caccatcat agtcatcaaa cttcacgctc ccgaagctcg taatgcattc      180
accgacacta tggctgcgtc tctatcccac gcgctaaaca cctctcggg tgatcctcgc      240
gttcgtgcta tagtctcacc ttcatcagat ccaaagaacg catgtactgc gcgggcatgg      300
acttcaacga agaacatgca cttggtaaag angtctgtga acatcgcgan tcaagaagca      360
tcgttaactct gccaatgttn cgctgcaacn agcctgtcat ccttgncata aacgntccgc      420
tgtcgggttg gcatnaccat gantcttggg cgcenatate cgcgttgtga ccgcgangcc      480
aaaatggatt gtnttcggtc ccgtggttca catggaagng tncacaact cttctccc      538

```

<210> 1559

<211> 639

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(639)

<223> n = A,T,C or G

```

<400> 1559
ntgatgccat tcagacacaa cgttgatccc cttcaactng ctaaacgata atatctttgc      60
gcaataacgc caggtctnca aaatgccacc cgctctgagt gacgatgaaa actccgacct      120
tgaggagntn actacacccc cagcgctgc tcgcaagaag tnaacatcag ccgttgtgcc      180
tgacaagntt gaggacacca aagacgggtc agaggaagag ttggacgagg acgaattcgt      240
tgtcgaggcg atcaaaaagc atctcattga cgaggatggc actctgaagt ttcaagtcaa      300
gtgggaagga tacgaagcca aaaaggatct gacttgggaa ccggaggaga ancttcgtga      360
atctgtctca gaaatcctag acaaatattt cgaagaagctc ggaggtcgag agaagctatt      420
tgaggagaca gaaacgcgat ccaaaacgaa gaagcggggc cgagctcgaa cggcgggggt      480
cttagcacca nccgctcaan aacaaaacga ttctcgacaag gngataccgc acctggcaac      540
actacanctt gcgacatnc aagccatggg gttnccgccc cgggctcatg ggaaggatga      600
gaanogaate aatngagcnc cgaggaggac gaaaacatc      639

```

<210> 1560

<211> 742

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 1560
 gcgcgntcct tcttccccag ctttttccct gaacctaaacc tatcgctttt ccattctccat 60
 ctcatcttta atcgcccttt ctatcatcaa gtaattgctg gggttttttac tggtgaaatt 120
 gtaattacga gctacctac tgcgcatac ctctacacaa cctcgacttc gaatcggtac 180
 catcgccatc atggctgcgc acgcagttat ctaccatccc acggtagcgc actacctgcg 240
 ctacatggcc actacctcg gtcgcgacaa gctcatgcga gtcttccagt actttgcccg 300
 tttctacgcc tggtagctcc tccgcgcaaa cgcaacagca gacaaggctg ctccctggaa 360
 cgccctcaag aagcagttcg gctgttccg aaaggatttc cgagccggaa agttcgctga 420
 gcacctcaag gctgctgcca ccgcttcgac tcaaagtcca tggacccgt ctcaagtaca 480
 cccaggctcg tgcgcagctt gggtacgcgc gttatctcgc tgcgattctc tcaccattcc 540
 tcacgcgcgc ggtatcaaga actggaaaagc acgctacgcg catgcagcaa gaaggctacc 600
 gatctgggtt ggtggtaata gnettttaaca tcttgggctc gttgcccctc cttgncagtt 660
 gagtgcacga gcatcaaagg ttgatttgaa ggaaggagaa ggtgtcnttg aaaagcaana 720
 catttntatt ggcgcgctg nc 742

<210> 1561
 <211> 763
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 1561
 ggcgtgcgc atcaacggcc catttcatag acctgacctt agctccggtt aagttggttag 60
 togatagata taaacctaaa catcgccgca ttcggtctga gatcccttcc tttcttcacc 120
 ttcttctcc ataacctcag accttgtcac aacaaaacac ttgcgttaaa tcaatcagtt 180
 cgcatttgcg ctttacacct ggactcttac taaaccgttg tacacataaa cctctcaaac 240
 gtcacaatgg ccgacacaac cgagcagcag caacccaagc tcgttgacga ctctcccatc 300
 tccctgtcg aacgacgaaa ctcgttggag gctcatctca agcaccgccc cgagcgctcc 360
 gagcttgctg agaagaacat ccttcacgcc tctaccgcag cgcaggcct cctagcacac 420
 cagaaggagc togagaaaca catgctcgag gacaagctca acgacaagat ctgcaccgc 480
 ccagacccc agtctctcat caaggagggt gttctccacg acgacccccg cgcggtgact 540
 caggacgagg ctgcgaagaa gtacgacgag gccatcgaag acgagtatgc caagcgtgag 600
 ggtggcgct gatcatgat tcatgcgaca gggcagggtta cttacctggn ccagggtcat 660
 qagagcctcg qtacagaaac tqtactcatg atgctnaatg tggagtttcc ttttttggaa 720
 tgtgtgaaat gaattgactg ttgatggctt tggttagaag tac 763

<210> 1562
 <211> 121
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 1562
 ngcgcganc nctacaacgn ccaanccctac tatactggat acgcccctctt ctggctnggn 60
 atcaactgncc gcatgtgcaa cctcatctnc gggngtagcc cgtnggtgtc aacagaagtg 120
 g 121

<210> 1563
 <211> 608
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

```
<400> 1563
tcganacaga ttgcgagggg ggtcaacatg tccacattgc aacgcgcgaa atccatccgg      60
aaacctgccc ctttctnttc caccactgca aagacaacaa gaaccaccgn tgctgctaca      120
aattccccag atgcagatca cacaccgagt cgtctcccca tcaagccttt gaccagaagc      180
gcaacgactt caagcactac aacaagggtc ttgaggaatg gtgcctctgg tctttcaagg      240
gcaactttctg tcaaacagcc tactaaacca gcaacatcgg aacctgcgaa gagagaaact      300
aagtatcttc cttcaacgac aactacaaga actcgaccag cggtgaggcc gacctcgyc      360
gatggaccaa ctcaagctac caggaaagct ccagcccctt cacacacgcg tgctaagagc      420
accgcgaccg gattgaanaa tgccctgcat taagaccggc ttatcgcacc tcgtcggn      480
gtagtaccac aactacgagc actactacca ccactgttct aagtcgactc gcacctacg      540
ctntttgaca acgcccgaag naaaaaagtn cttgggcgct gngcctcgct ttgaacaagc      600
ctttttga                                     608
```

<210> 1564
 <211> 640
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(640)
 <223> n = A,T,C or G

```
<400> 1564
tgacgattat catttcgaaa aagagcactt ttacttcggc tactatcatc cggctcctcc      60
cacaaagcgg cgcatactct ggtttgaacg attgatactt aattttctac acattcaaga      120
tgggcgaccg attcccttcg cttgaggact tcgattccgg ggcgcaaacc gacatcaagg      180
atccgaccgc tgagccatcg actgacgatt ttctcgctcg tgaaaaggct ctcttgagg      240
acgacgcgga acagttcaca accaacaatg acgcgcgtgc tttcgctgat gccgatgatg      300
accttcttgg tggcgccggc ggaaacgagc aatctacttt cgagtctcaa tttcctgacc      360
tgaccaaac tgaagctggc actggagttt ctgctggaac tgccattacc ggaggacctt      420
ccgtaagcta caactcagga taccaggcct ctttgagaag gagcaggaac ccgagggttat      480
caaggagtgg ngtgaaaagc gagacaacca nattgccanc gcgccganca attcgctgcc      540
acgcgaagaa caattagggg gtcancgaca tcntgatttt cccactcaca caagaaggga      600
agggntncca aaccaaagaa cccagttnt ggaagccaag                                     640
```

<210> 1565
 <211> 562
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(562)
 <223> n = A,T,C or G

```
<400> 1565
agaaggaagc gagaaggaag ctttacaagc tancctcgaa gaagcgcatt ttcggcagct      60
cagaaagaag aantntcgca gaaagatggc gaataacgga aatttcgaga agccagttcg      120
gtatcagcaa aggataaatc aaatgctgga aagagaggca aacctagcaa gcgcgcagct      180
```

gatgattccg	atagctttga	ttcgcgacac	cactacaccc	catactgggg	acctcagcag	240
cagacttggg	tgcttcaacc	acagtatatg	ccacccccaa	accctcaata	tggtgctcaa	300
gcgccaccag	gcgcagcata	tcanggccag	atgggcccag	tctataccca	acaangccct	360
ggctatccct	caatgcccgg	aatgcctcca	agccagccat	atcctcagta	ctctgtgcct	420
ccgtaccccc	ctcaagccag	ccagcaacga	tacccgcccg	gtggaagtcc	tatgacaaac	480
tatggtgctc	cagtaccccc	agcaggatcg	cagcaaccgg	tatggcaacc	angttttgcc	540
cctcctgcgc	cattacagca	ga				562

<210> 1566

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 1566

cgatgacttc	acaaacttcg	tgtcaactct	caggcataac	ttcaaacgat	cattcttccc	60
agctaattgt	acgcggctca	tatttagtca	agtaataatt	gtatcaagaa	tgagtcagac	120
ccagtcttca	cccacagtca	tccagtgggt	tatcgacact	cgctctctgt	ggccatcagc	180
cctcaagact	aaagatctta	ccaccagtgc	ttcgcgtgct	ctttttcttc	tcaactgtcga	240
ggaacaagcc	tccgtttctga	gatattacca	cgttcgcgac	gccaagcttg	ctctcgcttc	300
tgcacttctt	aagcgtatg	ttatatctcg	cttctgccag	gtccctgggtc	tgagagccaag	360
atactcgaga	ccccgaacaa	accgtgttta	tctcgccatg	cggcgatgac	cactcatctt	420
caacatctcg	catcagctgg	tctcgcagtc	tcctaccgtc	cacaacctcc	cgaaggactg	480
ctgtaggggt	gagttgttgt	catcggacta	ggatgcatta	cttactacan	anaggggtggc	540
gattttctcan	agcagcgagt	cttgggtctga	aaaaatgaccg	aacnatan		588

<210> 1567

<211> 533

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(533)

<223> n = A,T,C or G

<400> 1567

gaggncacaag	gcgcattgca	aaaggntcta	tacaatggcc	aggacctgca	tagcattcta	60
cgacatatcc	cagttgtgct	taagaagctt	gggcaactgg	agcaaattgt	gagcaagctg	120
ggtggatacc	gctttttacg	agcgagcttg	ctcatgtttt	atgacgggtga	cacatcggag	180
gatgatgatt	acgaaactgc	gtacgagtca	accaccgatt	gtgccactga	taccgaggag	240
acgccacgca	agaagggtgaa	gagcaagagg	gagattgatt	tcaagattgc	agattttgcc	300
aatagtgtca	ctcctttgat	aacattgacg	acaagccatg	cccccccgca	gaaccgggt	360
caacctgatg	gnngatttct	taagggcctt	cgaagccttc	nagatttttc	ttagantcca	420
acgggatgtg	angnaggagc	tggggttgat	catattggac	gattntcgag	ccncatggat	480
taacccggaa	attttggact	gagtcggggg	nggcagggtt	tnactngctt	gaa	522

<210> 1568

<211> 597

<212> DNA

<213> *Fusarium venenatum*

<400> 1568

ccgtcatcat	gtcttccctt	cccttcacta	tccaagaaca	tacaatcgag	gcttcacata	60
tacgtgaata	cgctcgtgca	acatcacact	ctcaagatga	gaagctatat	cttcatatca	120
agcaatacac	gccccaaagat	aacacatctc	cacaaaaggg	cgatgtcaca	atcattgggtg	180

gacacgccaa	tggettccca	aaggaactat	atgagcctct	ttgggaagag	ttctaccatg	240
aatctaaacg	ccgaaacatc	cgcataccgaa	gtatatggat	agccgataca	gcatggcaag	300
gccaaagcgg	tctcatcaac	caagacgcac	tccgcaatga	tccaagctgg	cttgactatg	360
ctcgtgatat	tcttcacatg	atcaacacct	tccgtccacc	gccaccaata	atggcaatgg	420
gtcattcctt	cggcgcaaat	gctctcacia	atgttgctct	tcttcaccc	cgtgtcttca	480
catctctcgt	ccttcttgaa	cctgtcatct	cccactttgg	cttccacccc	tggcgccctcg	540
aacgcaggcc	cgcgaacaac	aagtatgggtc	gtcgcgaaat	cttgccctc	gcgcgcc	597

<210> 1569
 <211> 499
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

<400> 1569	
caccgacaac	ctgtaaggac
atgaaatgga	cggatcttat
cgagtttagat	gacaaggccc
tagaggagcg	tggtgtgaac
gctcttggtg	cacgccgaaa
gatgctcaag	gtctttgagc
aggtcaagga	agccaaggcc
gatggaaaaa	tgagctagaa
acatcatgac	cgggcatgca
tgcatagaga	ccttcaaaaag
tggattgttaa	ggtggtttgt
tttctttcag	atgggtctga
atttccttcg	agttcttgac
ttgttcgcct	ttgttaccga
gggagatgaa	cgtcaacctg
cgcaactcag	aattatagtc
aagcgcgaaa	accacgagnt
tatcgcgacc	gttatgagtt
gatagtaacg	ccttggggtct
tatttgcaaa	aactgtttac
ttatttagaa	aanaaaaaan
aaaaaaantt	tctgcggccg
tcancattna	tttaagggct
anttnccctat	aggagngntt
acattactgg	cggcgttta
	499

<210> 1570
 <211> 578
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 1570	
ggnagagaag	aaatgaggct
attcagcgcg	ccactcaaat
tcaagaagag	cttggacaag
gtcaacgccg	agctcgaaaag
ggatcaagaa	aggaggcgga
agaagtctcg	aaaaccagaa
agactgagct	ggagcaacaa
attcagaact	tccaaagggg
agattgagca	gttacgacaa
caagcacaga	ccacccagtc
tgcaccgaac	actgccagct
caaacgaagc	ctcgggctcc
tctgagattg	tcgctcaact
cgaaaagcag	ctggctgac
ttcgcaatga	gcttgacagt
atcaacggac	agaagcagaa
tgctgagcca	caacttgaga
ctctccgtgg	tgagctgcag
tcagctatct	ctgancgaga
tgaagtggct	aggaagcttg
aagaagcagc	cacaccgtca
caccgtctgc	acagactgct
cccganattg	tcctcaagcc
accgaacaac	ctgccgctng
tttttccgac	gaaganaana
aaggcctcca	ggaaaaggca
ccgcagctga	aactaangen
gaggaattcn	aacagaaagn
ttatgaattt	gaaggccc
	578

<210> 1571
 <211> 940
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(940)
 <223> n = A,T,C or G

```

<400> 1571
ttgggtcttga ccaactctct gctcgacttc gtcccaagtc ggcttactgc aactcactgt      60
taaagccaca ttcttttcca agttccaaaa aaacgtacac atgttattat aacgaatttc      120
atthttcttg tccttcacct tcttcgacca cctaggctgc aactcatcat cagcaccatt      180
cgataatcat ttcttttgtc tgcaacctat cgaataccca atgagcctct gaataccaac      240
gaacaacaac aacaacaaca acatnatcaa caacaacaac aacaacaac aatcgacctt      300
ttcactctgc tttatcatca cgacactgta cattgctcat atacttcgaa tcattcatat      360
ttcattgcat tagcttgagc gttttcaaca gtttcaatat tccactccgg ctttcctggt      420
ttaccgggta ttgacaaatt tcaaaaaatc gtttattcga caactcccct tttgtttatt      480
tttattcttt ttctgagtag tttttattcc ccttttattt tctctcttcc acaatggagt      540
gcctcaagga aaagtctgct ggcggtgcca ttctcaacgg acgttatcag acaatttccc      600
ctctcaacca tggatctttt ggtatggtct tcaaggcgca ggatctcagg acaaacgaag      660
cctgtcgcca tcaagtgtct taccaagaan agcgcatgtc ccgatagtaa ttgggaattc      720
gctgtcgacg agaatcagaa gaggagccct ccacagccgc ctcgagctc acganaacat      780
cgttaacctg attgactctt tcgagaccga ttctcacatc tacctcgtcc tcgagttttg      840
tggtcagggc gatctctaca aaccatccga aagggtcatg gtctctttga aantgaacat      900
gttcgccaat tcatgcttga ncttatcgat gccgtcaatt      940

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<210> 1572
<211> 561
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(561)
<223> n = A,T,C or G

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<400> 1572
gatgtcttta cccctatcgt cgctcccgag accgcccgtc ccgctcgacg caccgttcac      60
atccctgctc ccaaggatgg tggatgatgt ctaatcaaga ttgctgaggg taacactcac      120
atcaagggtca ccaagcctga gccnaaggcg aaggaggagg ccaaggatga ggatgactct      180
gactttgacg attccgatga ggaggatgag gagaccctg agaagatctg gaagattgga      240
aacacacttg ctgaagccgc tgtaagggc gtcaaggctg gtggcaaggc cgaggtcacg      300
attaacgttc ttgccgacct gagtgtcacc cgttacaacc ccgtgaaagt ncggtggcan      360
gggtgggtgt tgcgaggaan natttaagag tcttgggatt naatagactc aaaagcaaaa      420
acttganttc anaagccgca atgattttat gaagtangca ttttaangtg atgggatatt      480
caaagcatgg ggtttatttg ggtagaatnt tanaagacac tatagagggg ctccgggatg      540
aaataaaatg gaaactttnt n                                     561

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<210> 1573
<211> 632
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(632)
<223> n = A,T,C or G

```

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<400> 1573
tttcangggg ctcaatctct actgatatca gtataagaca ttggttttta tgatttttgt      60
ctgactgtgg gacacgttga naaatattgt cccattcaca caaacaacct aaagacttag      120
acattgtgag ctaccacca tgctccaacg acaggccttt acaaggcttg ttgccctaaa      180
aaggatgccc tcaaaagtga cagctacacc ctttgcgcca agattcaaaa gataccaggc      240
tttcgatgac gacttggaac aagatgctct caatgaggct cgatcatggg acgattcatt      300
taatgcactc caactaccga aaggcaatac tacatttgct cgtccagtg gaccaggggg      360
gcaacatgtc aacaagactg agaccaaggc aatcacggna tatccagtag gacaattgct      420
ctcaataact ccccgatcat tacacccac attcgcaagt ccaagtacta cacatcaacc      480

```

aatgactntt	tgactttcca	agctcaagat	tcacggtctc	gggacgcaaa	tgacagaanac	540
aacaggaaaa	agttgactga	cgagggttg	cccatTTatn	aaaaagcnc	ncctgccgan	600
acaagtgtgg	agaaaaaaaa	aaaacatgaa	aa			632

<210> 1574
 <211> 588
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

ggaaaaaggta	cacgtagagt	cgccaggcca	ctaccctgca	ctcaccgctt	cqaatccatc	60
gtaattaagca	tctgctctca	aaagagctag	attcgaatcc	tgaalacacg	caagtggaa	120
catccctaag	accagtatac	aaggtcactc	aactcgactc	cgccatcgac	gacgaagagg	180
atacagtagc	catgagatgc	aacttgccctc	cccacaggga	gccgctatct	ttcagatcct	240
acgatgaata	cgagggtgcac	tacaataagt	ctcatactaa	ccgatgcctc	gaatgccgca	300
agaacttccc	caccgagcat	ctcctcaacg	tccatatcga	ggaatatcat	gacccgctag	360
tgactgtcaa	gaggggaacaa	ggcgagcata	cttactcatg	ttttgttgaa	ggatgtgaac	420
gcaagtgcac	gacacatcag	aagcggcgga	tgcattctcat	cgacaagcac	atgtatccca	480
agaacttctt	ctttgcccgtc	accaaggatg	gtatcgatgg	tangcgatcc	tattgaatga	540
cggcagccac	catcgccgcc	gatcgtcaac	caattcccca	agctatca		588

<210> 1575
 <211> 613
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

cgctgccggc	cttgagaagc	gtttcagtga	gggcgccttc	ggtctcggtg	ccatggctcg	60
acgtctgaac	cccaagtgga	acgaccctgc	cccctccgac	cctgctgagg	ctcaggccgc	120
tgaagatgcc	aagttcaacg	aggccagcaa	ccgcattggt	caggagtctg	accgcatct	180
cgacggctac	gctgcttctg	ggctacctgc	ccgcaccatt	gtccaggagg	cattcaacaa	240
gogcacacaa	tacgatgagc	aaggccgcat	tctngtcctc	gaaggccagt	ctgtcccctg	300
gaaggaccac	ctgtacactc	ttgaggatgg	cacccctctc	gttctctacg	ttctatacgc	360
cyagaagcct	gagcctgggtg	ccaagtggcg	catccagtgc	gtgcccgaga	gcaaggactn	420
ctttgtgagc	cgaaagccac	tccttgaggc	ttggagaggt	ttccgggatg	ctgagcttga	480
tggaatcagt	ggtgttctng	ctgcgtgttt	tgtccacgca	ctgggtttatt	ggcggaaaca	540
aanacttttg	agggtgccaa	aggagaatgg	caattaaagg	cccttgaggg	gtnaaattac	600
gaactaccca	anc					613

<210> 1576
 <211> 600
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 1576

gtcgtatgcc	atggcttccg	acggcggata	tattatccct	tctaatacgt	cctctgatgg	60
atcctccgat	cgaagctcta	attctagtc	tgggtccaaat	atcaatctta	aaaaacacag	120
acgatgctta	gccaatgtcc	gaagacatta	tcccaagtat	attattcttg	tcttggtttt	180
cggatatatc	ggtcaaacgg	catacttggt	ttggcttcgg	aatggattag	ctcgtattgc	240
gaatgatcct	tatgataatc	tgttctataa	cgtcaaccgc	aatagcccag	aaatttggga	300
tgaccaacac	caagccttcc	ttcgcaatgt	cgatccagtt	cctgtccact	cacacaacga	360
cgaaaaccga	cacatccctc	tttttgaagc	cctcggttct	ggctgcgtta	gcgtagaagc	420
cgatgttcac	cttgaaagac	aatgacctac	tgggtggaca	ttctggaaat	ggcctacaca	480
aagaaaacaa	tctgntcgtc	catgtatctg	gaccaatcaa	acgaatttta	gagatgcgga	540
atccaggcaa	tgacaccogt	cgaagagtct	acaaccgtca	tcccgatcag	acacttattc	600

<210> 1577

<211> 580

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(580)

<223> n = A,T,C or G

<400> 1577

gtggactgat	ataagaagaa	gaagccatga	ttctctactg	ccaattcctc	caaacaaaca	60
gaaactcgca	cttggtctga	tcaacatacg	atatctatca	gaatgtctct	tacagtccac	120
catctccaag	tctcccaatc	agaacgcctc	ccctggttgt	gtgaagaact	caacatccct	180
tatgatctca	aactctacaa	acgctcccct	cttctcgcac	cgccagagtt	caaagccctt	240
catcccatgg	gagctgctcc	cgtgatccaa	gatggctcctg	tcacactcgc	agagagtgcc	300
gcgtgcatcg	agtaccttag	caacaagtac	gccaacggat	ctctcttccct	gcgcccagac	360
aaccagcct	atgccgaact	tctctactgg	tggcacttcc	ctgccggtac	tctcgggaac	420
ggctctgggg	cgcctcatgc	tgatccgttc	cgccaagctc	ggagatgata	acccggttgt	480
gcagtttggg	aaagcaaagt	atagccaagc	tttgaagctg	ctggacgaaa	aggtcaaaga	540
aaatgaatgg	cttgncggaa	atgaatttta	ctgtcgcctga			580

<210> 1578

<211> 609

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(609)

<223> n = A,T,C or G

<400> 1578

cgacttcate	tccagccata	tcttccccat	aggaatcctc	cgcgcttcca	tctctgctgc	60
tgcacccccaa	gctctccaag	ctgtaattgc	tggcctcggc	gactgggtaca	cttggcagct	120
ggcogtgctc	attttcggcg	ccaacagcaa	tgtctcatte	tttgctctct	ttctgcaact	180
tttcaaccct	tggcaatggg	actgctctac	aagaaccttt	tcaaactctt	tggaaatgac	240
tctcactgta	atggccatgt	actactggcc	ctgggagctt	ctcgggtgtgg	cagagacaac	300
taaggagaac	cctaaacctc	ccctattctt	caagaatctc	eggtaacttc	gggactctct	360
ttgtcttgca	gctttggctg	tggttctccg	acccaccaac	gccttgatct	gggtgacctat	420
tgtctctttc	actattaccc	gggtctcatt	tcagggaacct	tcacctcttg	gtctttcaac	480
agttctcaca	ctgattccgc	agggcatctt	gtgcggttct	ctgatccctag	ccatatccgc	540
tgcctcggac	cgcagtaact	tggcttctng	acgtttcctg	cttacaactt	ctacacttta	600
acctatcaa						609

<210> 1579

<211> 588

<212> DNA

<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(588)
<223> n = A,T,C or G

<400> 1579
ctgggtttctc aacgctgaaa cgcgttcggt tctttccgac cgtaccatgt ggccgttcgc      60
tctcgctttc ttgctcattg ttggcccagg cgaggcattc atcaacaacc ttggaacaat      120
tatcggaacg cttacgcccc ctgaaatgga ggggtctaagc catcgtaacct ctgcggcgac      180
gcatgtctcc atattcgga aacccaacac cgccctcgca attttcattg gtacacttac      240
agatttggtg gcaccgtacc cccagacaca gcatgttcaa ggacctcaga cacgctctgc      300
agtgagcagt cggttctcca tctcccgaat tgcctttatg gcatttttcg caacctatgt      360
gtctgtcggt cttctcattc tacctcaggt ctgggccana accatgctga acgcctctgg      420
cttggtttctg gccttggtgg tgcangttat ggaccatctt caaccttaca cctcttattg      480
tgacaatata tgggggttga aaatttgcta ccaattaatg tctcattngc atctgcccgn      540
tgccggattg anactctngg antcatttac tcccgaactt caaaaacgn      588

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<210> 1580
<211> 463
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(463)
<223> n = A,T,C or G

<400> 1580
cgacgaagtc ggtctccaga ctgtgcgctg gcacaagctc tgtatcaacg cggctatgaa      60
cccccggtc gtcctttccg gtggccgtgg aaacgcagac atggtcgcgg acgacgagtt      120
gcagcgacat ctactgggtg taatgaacga gatccngac gctgtaccaa agatactggg      180
tcgacctttc ccagactata tggccaaacc agagaagatc attgaaagca cggcgcggaa      240
taagggtgcc aggccgagta tgttgctgga ctgggagget ggcaagccgc tggagcttga      300
ggtgatcttg ggcaatctcg tgagaattgc aagggaaggg ggtgttgaga tgcccagatt      360
gaaagcttga tgcgcttttg aggtcgctna agggataagg aaaaggagaa caagggaact      420
gngacaatcg gtnccatgga cacaagtana atggttattt ggc      463

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```

<210> 1581
<211> 461
<212> DNA
<213> Fusarium venenatum

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```

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 1581
atgqqtattg aqaacqtact caqcaacqct ttggtgggca taaattctgt cgttctttgg      60
atcagccaga acatggaaga cgagtactcc tacaacctll ccttgtlaaa accataaate      120
gccacgagtc gggcaacagg gtcgagccaa catcaaggcg cattgatggg ttgagtttaag      180
cattggatgt acgattaata acagaagctc aaagcacatt gatgggagga tgataccctc      240
tctgagaate ttgtgtctca gaccgcaggc aagttcttct aaacgaaggt taaacagatg      300
ccgttgagatt ctgtttcatg attacggagt tgcatgcgat ttatagtcac cagtgcagtc      360
ttggcccatg tttgggatgt gtggcaaaag tatatttggg ctggcaaaat gttactcatt      420
agtgaagctc tgtgagcctc naattaaate gtttttgcnc t      461

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```

<210> 1582
<211> 961

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<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(961)
<223> n = A,T,C or G

<400> 1582
ttntttttata tttgtggcgc cgggaacaac gactgcgatg gtgctcgcgc tgctcctgtc 60
atcggctcgag cttgggactc taaccctcgc aatgcgcccc gctcgcctcg cggcggctgc 120
gccggcgaca ctacctccaa ccgccagttc ttctcttgga ggctcggctg ggtcttcctc 180
ctcatcaccg tgttcttctga gaccattgcc tttttcaccg gcttcattgc ctgctgcggc 240
cgtctcggcg ccggcatctc tggcttcgcg tccatgttcg ccctgttctg ctctctgttt 300
gctatgtccc tgatgactgc tacttgggtt ctgcgccgca acgctttcaa gaggcggggt 360
cgctcggcct caatcggtcg ctacgccttt gggtttgttt gggcctcctg ggctgctctt 420
ttcatcgcca ccgttctctt ctgcctcggc atgcgtgggtg acaanggctc cagcggcggt 480
tacaqcggtc gctcatggcg tcgcaaaacg cagcgtttgc agcaccaacg gttacgaagg 540
gagcccggtg gaaggacgac tactcttaaa ctatcactca aaaattgcca cttaggactt 600
atttaaacga tcgggttttg aagggggcgt tggcaaggcg ttaatcagga actcgagaaa 660
attcaacgtc aattttgcag aaaccaattg tcctctagcc ggccaactgc aatgccccga 720
aatgcggcgg ctcaagtgtt ttcgacagct tgattttgct gttcatattt gatctaanca 780
ctgctgtttg tgtttggcan gcttgctacac atgaaacctt ttgnggggaa gcattgaatg 840
cttcnaaaat gttgaagcga aagttcnacg agatctacga gangcttgtt cgcaatcgcg 900
taatatntat gaatatatga tctgcagtaa tacaagtntt ttcaaattna aaaaaaaaaa 960
a 961

<210> 1583
<211> 616
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 1583
cctgcctttt taacatcagc ctctgagtct agcgatgatg gaatccatct aagtccggct 60
gcagctcgtc gattcgctcg ccgcaacctc cgcgcgcaat ctccaactcc cgacctgtgt 120
actagcctcg tnaggccacc ctccccagat actttctacg ttggagcaca gctccctcat 180
cagggcaggc aagatgttag aggccgtatc gattcttcat actcttnagg tgtattaata 240
ccgaatgtca actcggaccg gcggaccgga cccatggctt ctctcactct ttcttctctc 300
ggaaatcccca aacgctatgg aggaaactgc atcttllgaca tgtactcttt aacatacgtc 360
acggaacccg acccaaaactt actgngcccc atttgccacg atcctctnng ggatcccgtt 420
acaactcctt gcgaccacac attctgctat cgatgtttac ggcaaagcat tgattctagt 480
ccatcaggga ccggttgccc catcgaccgg gaacctttag catggcccaa ttgnttcagc 540
ggcgccacga ctnatncgaa cgcagttaac aacatgaagg ncaagtgcct tttatcacnc 600
acgaaggatg caagtn 616

<210> 1584
<211> 481
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(481)
<223> n = A,T,C or G

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<400> 1584
ntgaaaattt gacagaaatnt gagcttacac agcatngggt aaccagnaa cgntacttct 60
ctaccactac gaagatactc tgttctatct gntggaagac accgtctgcg tccgacgtga 120
agctacttgc gactgcgata ccctgcccc gaactcaatt acctgtaccg ntccagctnt 180
atcgaacctt gttgtagctc gcctcaatat gtctagaang agcaacacca tgcagggtc 240
taacggcaac accaaggacg ttatgtcctc taacagccca gncattgaca aacaaaagac 300
cctttttctg ctgatgttgg acacttttct ntggtcgtgc catgcacctt gccgatttga 360
ttaccctatg aacgggncat gcggggcatg tcattttctc tgnctgaatc nactcgggg 420
atcccaagga tttgatctct ctgggtggtc cttnttctgc ttcggnnttt ttcgactctt 480
t 481

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<210> 1585
<211> 627
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G

```

```

<400> 1585
tgacgaaata gtcttcaaag aacttggatc gccattccct ttgaacgggt caagtacttt 60
anaacttggt gagtgtgtta tccgagccga gctacctgac gttggtggaa acccaaccga 120
gagattcctc gttggtacga gttttatcag cgatggcgaa gtggaagatc cgaatggcac 180
ccttggccgt attctgggtc ttggtgttga cgcaaaccgt caagtgtacc agatcgtgct 240
ccataatcta aaaggccctt gtcgctgctt agggatgatt ggagacaata ttgtagctgg 300
gctgtccaag acagttgtgg tgtacagctt ttcgcaggag acaagcagtt ccggttccct 360
acagaaactt gctgcttctc gtccagctgc ttttcttatt gatatagatg tatcaggaaa 420
tatgataggt gtaggcgcat tgatgcaatc actgtctttg gttgaattca ttccggcaca 480
ggacggcaat aaagcgcaat tacaggaacg agcaacngcat ttcgagtcgc ttggaaccac 540
tgcagtcctg catatcgaaa ggggaaaggc ggctnagang cggattctcg angcaatctt 600
tgttgttntt caacgaaatg nggatgc 627

```

```

<210> 1586
<211> 306
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

```

```

<400> 1586
cgtacttttt catcgacaca gcacgcanc taatgagtta ccttgacacg atcaaaaagg 60
ttctgaaacc aggtggtcac tggatcaacc tggggccggt gntttatgga accgggccgt 120
ttgcgcagtt gagtttggag gaggttttgg tggttagtga agctttgggt ttcgagtttc 180
ttgaaacaga tganagttgg ggaaagaana cgtttganga aanaacaata atngtcaatg 240
aaagccacat ntgaatttaa atgacagggc tttaacaaag aggcgatata atgcgcagtt 300
tttggg 306

```

```

<210> 1587
<211> 638
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(638)

```

<223> n = A,T,C or G

<400> 1587

tgctgcctac	tggatggtat	gccggaccct	ttggtgctcg	gccacggnga	ccttttatgt	60
ggcaacatca	ttgtgcaaga	gtcggctgat	ggcatggagg	ctgtgaatgg	tgctacagat	120
gtcgcaacag	tgcgcttcat	agattacgaa	catgccacct	actgccctcg	ggcgtttgaa	180
cttgcgaaac	atttcgccga	atggactggc	ttcgagtgtg	actacaccaa	gctgccaaagc	240
acgtcaaccc	gccgagactt	tggtcgtgag	tacctcaaga	tgcacgccga	ccttnatcgg	300
caacaccaac	acaaacaaga	ctgccatata	gccgactgcg	acttggcgag	aaaaacaaaa	360
tcagatctac	cgggtgccaa	tgacgcccag	gtggagaagc	ttatgcgtca	ggttgatgat	420
tacaggggat	tccctgggtt	ttactggggg	ctatgcgctc	tcattccaggc	tgagacagcg	480
accggaacta	tcgactttga	ctacgcagga	tatgctcaaa	agcgctttgc	tgaataccaa	540
gcattggcgca	nggtccaaga	tggaaatgtc	ngatctggng	angaaaatcc	cttgcgtgaa	600
anaaaatggg	cgcttttggg	agggcatcca	aaaagcnn			638

<210> 1588

<211> 804

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 1588

cggtcatcca	actctcgctt	taatccagtc	tctcattaat	ctaatacaca	actcaccaag	60
tcactntttt	acttgtttaa	tcttcaatac	cttcacgatg	aagttcagcc	tcttctcttt	120
cgtegetctg	gcctcttcgg	ccatggctgc	tectgcegtc	cagggtccagg	ccaaggccgt	180
cggtgccggg	gctgtngtcc	acgcccagca	ggttcccgcc	gttcccgcgc	tcccgcgtgc	240
cgctcccagag	gtcgtcaact	ccaccgtcag	caagaccgtc	accaagaaga	tcacctntac	300
caagggtcacc	aacaccggcg	gcgtgtcaag	gttcttaccg	ttgctgtcga	cgagggtcacc	360
gttcagggtt	ccaccatcaa	ggcgaccatc	ttcaagggtc	agaccggcac	tcttagcaag	420
gctgctgcc	tcacccacgt	ccaccagaac	gttgnatca	tcaacgacct	cctaccaccg	480
ttgtcgacca	agctcaagga	tggtgtcagc	atcgatgtca	acgtcntgac	gtcaagnat	540
cctcggnctt	gtcatcaagc	tggtcacnag	ctcgtcgggt	tcgctaagga	catctgagcg	600
tcttcgggtt	gacaacatct	tgggaagcgc	ctcaactctt	ttncgttcgt	gggaactttc	660
tnaacctngt	tacgaccttg	gcgggggat	cgccccggng	ttttganaat	ntaacaacgg	720
ttntgagcac	cttttcggta	ntccctnggc	ccgtnatata	accggtttca	ccgttgtnng	780
gggcttaccg	gttacttaaa	cagg				804

<210> 1589

<211> 1043

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1043)

<223> n = A,T,C or G

<400> 1589

gaaagaaaca	atcagttata	cagtccttctc	acggataata	tcataaaaca	caacaaaaag	60
atcgacagga	tcacccggca	galtctacac	tttccataat	atctacacta	cctctacta	120
tatacattta	gaagccagcc	aacaactgct	gctctatcca	ccttccattt	tacaatcaca	180
acacacattca	aaatggagac	ctcaccgcaa	cactcacgat	ctgcctcttc	cgctctcgcc	240
cggtcaaaac	gatcaaacct	ttctctcgat	ctctctaaac	ttcccgccat	gaccccgcc	300
acacctccat	caaacactct	tctcttcacc	aacctcaccg	acctagccat	cttctctccc	360
gagaaccttg	aggtcatccg	cgacctcatc	acccactccg	ctcccatcca	cgtttttgcg	420
ccccataaat	ccttccgctc	catcgtcgtc	tccttctttg	acgagcaggc	cgcattgccc	480

gtccgccagg	tctgggataa	cgaggctatc	atggggccagc	agtqccgcgt	ctactttggc	540
atgcccactc	ctgtcgacaa	gcgcgatgag	catctcgccc	ttcctgacgc	cggcaagctc	600
ttcttcatct	ctccccacc	tagccctccc	acggttgggg	gatgcgcgtg	gaggatgcgc	660
ccaacaagct	ggttcacgct	gaggatctcg	ccgaagccct	cgctaagttg	caccaccgcc	720
cggacctatg	gacgaggacc	agaactcgcc	tgtgactccc	cacgactctg	ctctttcagg	780
tgcacacgc	tcttcgctct	ttcactctga	tctacaaagc	cccgaataca	aaaacaagta	840
tgcccgtgt	cattgggtgat	gacatgacag	atgagcctat	cgagtacagg	cctgtggagg	900
caatccaaac	ccatcatggn	gcatactggt	tgacctcttg	tcgaagctga	tgcaccacgc	960
ctaaactggg	cacaaaatca	atgaacaatg	gtgggttttac	tttggcggtt	naagggacac	1020
aatacnggaa	tnggggggtn	ggg				1043

<210> 1590

<211> 923

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(923)

<223> n = A,T,C or G

<400> 1590

cgctttcggt	aataagagtc	actcttggtg	ctttcagatc	atttgaagct	cactcgetat	60
ttacaacaca	tcaatcggtc	aagtaaaact	cctacctacc	tcctaataca	catacctcaa	120
ccaaaatgaa	ngctgctctc	ttcatcgctg	ctgccggcct	cgctgtcgct	caggatctca	180
gtggccaacc	cgagtgtgct	ctcaaagtgc	tttaaggaatt	catccccaag	gccgggttgcg	240
agctcgacga	caccgcgatgc	caatgcgagt	cctctttcca	aaccaagctc	gtcccatca	300
tcacaccctg	cttgaccgaa	tcattgccagg	ttgaagacct	cctcaaggct	cagcaggctg	360
ctgtcgatgc	ctgcaaggcc	tacgccgcca	ccgctggcgc	cggtccacc	actgtcggtc	420
ccaccgagan	tctcggtctc	gtcacctga	gcacgcacac	ctccatcact	ggctctgcca	480
gggttccgc	catcttctca	agcatccctg	atgagaaacc	cattcctcct	gttactcccg	540
tccggtaaac	ggaacaatga	ccaagaacat	gacagaagga	gggtggatccg	gaagaagcgc	600
tgteacaccc	actgggtactt	ccggcgggcg	cgccggaagc	ggaagcacc	gggtggtgcca	660
gcaacgggtc	ccaacggagc	cttggtgctg	ctggcggttg	ccctgccatg	gggtctctcg	720
ccatttttgc	tgctgcattg	ctctgtaaga	gctctcctac	atactggatg	tttgtacata	780
atgcagtatt	accatggaac	aatttgggaa	agctactaac	tggagttatt	gcgaangaat	840
cacgacatga	ccttacattg	aagtttaatn	tttcngaaac	acaaaagggt	gccattcccc	900
gnntgggaaa	actataatag	att				923

<210> 1591

<211> 634

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 1591

gttcgcaatc	gaagaatgc	tcagactgct	gtatccggcc	attggctcgag	gogaatatbg	60
aacaggaggga	caaagacata	tggctttttac	gactcaaaact	acaccatgcc	ctgtatgaag	120
gagtcagttc	tccagcacta	ttaaaagcgtt	tctccgagtt	actgagtggc	gtgggcaacta	180
tggaaaataa	gggcctcttc	cagtgggaagc	aatttgctat	acgccacact	gtgaatgaag	240
ctcgtattac	aagacgagaa	ttctggacaa	cgtatcttaa	gggtcgtct	ctcagtcctg	300
ctatgatcaa	ctcgggaagta	gatgtcaaga	taccgaactt	cacatttgaa	ccagttctgag	360
atctcagana	tccgtctctat	ccaggtcctt	gctacccagt	ctggcggtttc	cttccagttc	420
ttgtttctct	cggcttacgc	tagagcactt	gccaaagcna	acaatgtctc	tgatgttgng	480
tttgggggtg	atcttgccaa	tcgagctggg	ggngangacc	ttccttcaac	ctacccccact	540
tgaacttgte	ctntaanggc	aacttgctg	caatcganct	ttaatagntg	ccgccccnac	600

attcaaangg atattcnctg atcacatccg acgg

634

<210> 1592

<211> 433

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(433)

<223> n = A,T,C or G

<400> 1592

cgctgccttc	caaccatttt	gtgtttttca	accttgcaca	acactcnttt	nttacgcggc	60
cagatagtta	caatggccaa	cgaaagtgat	cctntnttat	ccgggaccgg	ccacgaccgc	120
tccgatgcc	atgccgaaag	caaggcccat	cgaaactcgc	gtctccgtga	gtcgcgcctg	180
tttgcctggg	ctttgatcgc	tactgccgct	gttatcgtgg	ttgctatctg	gactcaacat	240
gaacagcaga	caaagcatga	ccacaacacg	cctgcgacga	agcnaaatct	cgtnttcatt	300
gtgtcagatg	gcattggccc	cgctacatta	tccttgactc	gcagctaccg	acaacacgta	360
gaagacctca	tttggggcat	ccctcacact	cgataagcat	tttgggggca	caagcngact	420
cgntnaaaaa	ggt					433

<210> 1593

<211> 591

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 1593

caaatacaata	atatctcata	ttttggagtc	aatacgcatt	ctcacgttat	ctgtcgcage	60
aatcaaaaaca	gcttgaaaaca	atcactcgat	attactacga	catttcgcaa	ccgataaaact	120
attcgcgttaa	caaaccttta	aacaaacgcc	aacatgtgtt	tcagtgatcc	caagcccaag	180
accaagtact	actaccacga	agagatcacg	ccttctcggc	gatacaccgg	tcattcatcac	240
caccaccacc	atcaccatca	ctcatcctcg	cgctctccac	gagccagcta	cacgagtgtc	300
tcaaggcggt	cttacagcca	cagcccgcgc	accagcgaac	gtgttgtcta	cgagcgcctg	360
tgatcgtcca	gagaggagca	atggcaaat	gcgggggtgta	attgaaaaaa	gtatgacntt	420
ntcaaagcaa	agtaacactt	ggangctgcg	ttagnnggtt	ggcaatgggt	ttttgtttga	480
gcgaaccttt	natttngggg	gggaggatat	tgntngttaa	aanatggtna	ancgggcntt	540
tttgcnngca	ggttaaccct	gcncgatgaa	tgaaagnctt	gacantttat	t	591

<210> 1594

<211> 827

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 1594

tggattccca	aatcagccga	cctgctgcaa	tatgcacagg	aatatgcctc	caaagatgaa	60
gacctctacg	aacttctcgg	cgctgatgcc	ctcacaccca	aagaggagat	tcaccgcgct	120
tggagaaagc	gctctctaaa	gtatcacccc	gacaaagcag	gcgataaatt	cgaccagaaa	180
gtatgggaaa	agttcgaaag	tgcccgcgac	atcctttccg	accccggggc	gcgcgggtgc	240
tacgacggcg	ccatcaaggc	cgctcctac	ggaaacaaga	gcgcgaagct	atggatcaga	300

agcgcaaggc	tctagtcgac	gatcttgaag	ctcgagaaaa	cgcttggaag	gttcagcgag	360
aagaaaagga	gcaacgggag	aaggatgaga	tagagaagga	aagggcacga	cttgtcgaac	420
aaaggcgctc	gcgcaagan	gaggaacagc	gtcaagcttc	ttgctgcgca	agaagtcgan	480
gatcttgctg	aagcaaaaaga	cgtctgaagg	aaaagaagga	gaagaagaag	caggatgagg	540
cganggaaaa	atTTTTTgcg	taagtcgcga	atgggcccga	aagctacaga	tgggaaagcc	600
acancTTggc	caatcaacgg	ngccattaaa	ctgccaggag	attcttcgng	ggTTTTTggc	660
cggagacanaa	ctttctggga	attagtctgn	gacaacttng	tgcggttcag	gccgtnaaaa	720
ctgccaaana	attaagcacc	nccggcgaat	accacaacca	aacanggctt	ttttaaacca	780
aanacaaggn	ttnccccgc	gaaangcgat	ttgttgacng	gcntttt		827

<210> 1595
 <211> 793
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 1595						
tccaaggaca	aaaagaaaaga	taaggataag	gccangggga	agcgaaatcc	tttcaatctc	60
gaggetgaga	aggatcagat	gaagtctgtc	attgccgact	cctntattgc	agccacgaat	120
ttgatgaatt	cgcttcaaag	cgttaaccgc	gaagttgagc	gcatttcgga	aaatcaagtt	180
gcgngngaac	gtttcgaagc	ctgtaagctc	ctganacnaa	aagttttgcg	ttatgttcat	240
catgtcnaaa	aanagcagtg	gttaggagg	ttactccacg	ccaatgacga	gcttgccac	300
gctctcatgt	natttgaaca	gttcgattgc	tctattgacg	cggatagtga	ctctgatgac	360
naacttgctg	agcaagccca	tctgtaccga	atggctacaa	tcaaaggcaa	ggaggccatg	420
gocaaagcag	cccgcaccgt	ctccaactac	ttcgcaaccc	ccagatctgt	cccgaagtga	480
acatttcaca	ttctcctgct	catgctgctc	ctctcgcgcc	tcctccaatg	tcaaagcctc	540
actcaaaccc	acctcccaaa	ccccacggc	cggcagcagt	gtctccgcct	ccacaggatg	600
aagaggatga	cgatgaccc	tttgagagtc	acatgcctcg	atacaccttc	acacgagcgc	660
gaacagncta	ggtggtgacg	atcgaaagca	ggcgtcaata	tcggtagtgt	gaatagtgtga	720
attaggcaca	ggctttgtng	gtagaacatt	tangcacgac	attacagtgc	tatatcaaat	780
atottaccat	tcg					793

<210> 1596
 <211> 638
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(638)
 <223> n = A,T,C or G

<400> 1596						
ctgggatcat	taegtccctt	cgccatgctt	ntttctcgcc	atggaagtct	tcgataaactt	60
ttctcacgac	ggatattcgt	acgacatcac	caccgagcaa	cccttcgagg	gccacgtgct	120
gatcgacagn	gaggttgact	tttatgagtt	ctactcgaga	gaactggatc	ctcttghagc	180
abgataacttc	cgagttcgct	abgctgcaac	ggcaggaaac	tatcccaagc	cgtaacccag	240
caatgcgggt	ctgcgctaca	tctccagcaa	gatgcccttc	gctgccaate	tttccgateg	300
cgagttccatc	cccactcggc	tcattgcagtt	cttcgaagtt	ctngaaaagt	acttcccacg	360
ccacccgtctt	gtgacgtctg	actttgactg	gctacctcaa	gctgtcaagg	gaatgaatgc	420
gctgttgttt	caaacaaagg	accacagaag	gatgggccc	tcacgacacc	tttagttcac	480
caagggttat	ttttgacatt	ntgttcccta	cagacttaca	aaaccacgga	agccatntac	540
cngccatta	cgggtaaaag	tttccggtgt	tcgctcgcat	gggggaattt	ontgcccaca	600
gnggggcct	nttttgaagg	acacaaaaaa	ctcnnaat			638

<210> 1597

<211> 577
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

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<400> 1597
ctacatcttc cttctcggaa cagccttcat gaaggccaag tggcgagcga ggatcggcag      60
tttcctctct gtgtacagtt tgatcattgg acgatgggac atggccacgt tcatgggcgg      120
catgctgctt tggagacatg atattcgacn atcatccgat ctgccacett cagctgctgg      180
agccaaagga cgtggaagag acttccaacg aacgaccagg ggaaccgtgt tgagatgggc      240
cggtatcctc ttagecctct acttcttttc ataccccgac gccggcgccg aatacactcc      300
cggcttttgc tatctttcaa cctgggtgcc acggtactac atcccacttt ccggctggat      360
gttttaccan gogatgggtg cggttcttct cgttgcttgc atcttgccga gtcgggact      420
tgttcgcctg ctogaaaatc gottcccgca gtacttgggc aaggtnntt ctactgtat      480
cttggtgcctg ggcctgtgct accantctcc ggttctggat aatgccccng ttattgatan      540
cttggaanaa tggcggtatn cgtcgntggg ttatctn      577
```

<210> 1598
 <211> 583
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

```
<400> 1598
tgtggttctc gtcttgagtg gcgttgactc agagacccaa cttggccgta acctgcgagc      60
tgtgggactc ggcaatgatg gcattgaagt catgatgttg ccgaatctga actctgcct      120
tgaaagctgt gagaatgagt tgctcaagac tctctacgct cggcagaaaag agatcaattc      180
tttgagacgt atatcggcac agtcagccca gaacttggat gttccttcta acaagtcgtc      240
tggttttctc tcatttgatc cgcctttcaa ctcaccacgt cgcaatcctc tcgcagaggc      300
cgctcgcgat actttgagta gcctcgatgt acaacgtccg aanaagtggc aganttttaa      360
ggaacccctt cgcctcatgc ttcaggtttc cagggctcga gcgacaaaaa caaggacttc      420
tggttcccag caacctctta cttctctcga cgtgaaattc cactgggact gttctttccg      480
gggtggaaaa naagccacgg attctacctt gttgancgtg gtatcgttcg cnccaantac      540
aatctcccc caggatggtg gtgcgaaaca ttgtcgtgg aac      583
```

<210> 1599
 <211> 412
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = A,T,C or G

```
<400> 1599
acgacgcccn tactccccgc ggcgcactcg gtgccccaac tcttggtgcc atgaacgctc      60
ctacacctgg tgcttactcg ggcctacgc ctgctgctat cagtgcacca acgcctgggt      120
gctggcaagg cggatgggga gcagattcgg cactactcc tgetgctggg gctcccagc      180
ctggctacta tgctgctcct actnctggag caagttacgg tccaccagag actcctgcag      240
ctaccggtcc tcgatacact gatgatgatt gattacaggt agtacaagac tgaacagata      300
ttgggggtgt tatatggngg atgaatgcaa aaggcgtttg gggaagacaa gtaattgntt      360
```

taattaaaaa aattttgggc gtacccccat ttagcattgg aaaaaaaaaa aa

412

<210> 1600
<211> 364
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 1600
aatacaacaa caacaacaac aacaacaach ctttnatcac aaaactatat ccaacatgcc 60
ttcttacate gttacctgca aggaagacgc cagcgacgag cagggtccagt ctgctaagca 120
gcacgctatt gaccagggcg gcaagatcgg acatgagtag agcctcatta agggcttttc 180
cgtcgagttc cccgcagatt ccgttcagac cctcgagagt cagcagcata tcaaggctgt 240
tgaggaagac ggcgtcatga cgacccagta gagtccagga ataaattata agagatgggc 300
gacatcctat agatcatctt gagctctgtt gcaactggct tctggaatat aactattaaa 360
ctac 364

<210> 1601
<211> 619
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 1601
totacaggcc gnetcttttc tcagcaacct agaggttgtg caactactgc tagacaaggg 60
agcggagggtc aacgcgcagg gcggcttata cggcaatgct ctacaggctg cctcattttg 120
cggcaacctc gagattgtac aactactgct agataaggga gccgatgtcg acgcgcagac 180
tttgcaggct gccttatatg gcgggaaccc cgagatcgtg caattactta atctgaacgg 240
cgccaagatg gtatccagga agcgatctag ctcgaaaaac gtcagggaac gaacgaagtt 300
acctcggtt tagactctac cggcttcggt tgcacctacg accaaacctn cagcctttat 360
gtgtcgaaag ccatggcccc tacctgtcat tcgtacccaa gtaattgctg tgatgttggt 420
attcctatct ttattctact ccagtcgaat acagacgcac gggtaattcc ttaggaggat 480
tatgtttgat gcattgacgc attgagacgg cgtcgtgaca aggttngnaa agcangcggg 540
agaagaacat tagtcagaat gggatagtga tagactcanc acatatgnta gggatttacc 600
tccagagagt tgagagaga 619

<210> 1602
<211> 380
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 1602
cgaaaagatg ggcgctgaag ccggaactgc tcattctgat gagttcaaga atctcgagac 60
cgagatggct ttgcnacaag atggcatgga aaagatgcaa aagtcaatga gcggctacgt 120
caaattgntg tctcgtcgca atgaactgat ggaagacaag gagcgcggcn cccaatgtc 180
gtctnttggc cgaactatgg ccactcatgg ggaggacttt gagcaggatt ccgagttcgg 240
aaactgcctc ttatntttgg gtcgcnccaa cgagccgtat tgggtggtatc caggactntt 300

atgttgactg cgccaatgcg acctggctgg acaacctcga agaggagttt ggcaatgatt 360
gcnaaaagtc canaacgctc 380

<210> 1603
<211> 559
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(559)
<223> n = A,T,C or G

<400> 1603
caaactcaac gacettgtta acgtccacat gtccacgtag cacccttttc cttggcgaac 60
ctcaatacac gttatagcca cagctacaag agcaattgat ccacgaatc atcatcatca 120
ctaacctcacc gggaataatc caccacctcc gtctgtataa tggtccacatc cactcggcgc 180
tggttgcgca acaaccggac acccatcgct gttgggtgtgg gcgtcatcgg tgctggctat 240
gtcgcgactc aatatgttat cggcaagctt aacgatgctc gcgagcgcat gacgagcgat 300
cgtatcgcca aggagaactt gcgacgtcgc ttcgaaacaga accaagagga ttgtcattca 360
ccgtctggct ttctgccttc cgaacgactg cattatcgag gcacgacacg gacagatcac 420
actagagatt aacagatgaa ggcaccaagg cataaagaat ggcgnaccaa tttgcggaca 480
ccaagcttgc gccacattgc ngagaggacg ganactggag gcaaacagac ggtcaccctt 540
agntccacgc tacattaag 559

<210> 1604
<211> 158
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 1604
naagencttc ttacgcgact tatctacagc gtcattgtga ttcaactggt tctgnnggcta 60
gttgatgggt tcccgttttt gggtaacaatc ttgacgattg tctcgcatat cgtttatctg 120
ggcaacatga gaccttcctt tgaacangca aanaggac 158

<210> 1605
<211> 782
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

<400> 1605
caaaaactcct cattcaaata ttcccgttcc ctcaacaatc ctttaggata cattcatcca 60
caaaaactca atcaattcca cccctcatca catraacccg cctccatcat catgtottac 120
gctgatattg ctgccaaggg tcccgaagcag agcccggagg atgctgctgc cctcaacct 180
cctcaaatac tgactgacga gtctgcctcc accgcctctc tggtcgacgt tgacatgct 240
aggctgcaca ccgtcccccga cgaacttcctc gagcaggaga ttccagacgga gactcaagca 300
gcccgcgtcg agcgagagga ggaggctaag caagagaagc gaaagcgtga ctccgcgcgc 360
tcaaaaggtca aggagaccga caactggctg atccagcagt tctccaagct gaccgacggc 420
gaggccaccg gcctgactgt cgccaacctg gccaccgtcg tcagtctcgg tgcttctctc 480
ggctacaagg gctggggcct gtacgaaaag ggtaggctcg actggaaagg ccgtctctta 540

cggnngtcggt	atcctcgcca	gtgcgcggc	tgctcaaggc	gcttggtgga	agatacctgt	600
acaagggcaa	gaaggggtggg	tctttnttaa	aaagatgatg	aaaagtgtga	aagtcaacaa	660
aaaccacagg	ttgcgaaagc	ccttgcgag	atcaactaca	gaacttcaga	tcccgaacaa	720
aacaacgact	cggactatga	agaagaatac	cctggnggga	atttnttgaa	ggatgaatgg	780
aa						782

<210> 1606
 <211> 634
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

<400> 1606	
cgaggctgcc	aagttgtttc
caataccact	aacaacaata
gcccattaaa	gaaaccccc
caaaanagaa	ccagagcccg
gaaccgacct	caggtcaagc
canattaagc	angggcccg
tgatcatnct	gtggcataca
accagggggt	cggcaaaagc
accaagcctc	tggtccttct
aaatcggtga	ccccttggtg
ngatgcnaca	aaagangacc
	aagnaggcac
	acnt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	634

<210> 1607
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 1607	
cagacagaaa	cctcatttcc
ctcctctgaa	cgacaacccc
ttgccacagc	taagatgaag
atagctcggt	caaggttctt
tctttggtgg	acgcaagaca
ttttcttccc	aactgagtgc
cagccaaggg	agtagaaatg
ctcaaaaagc	ccggcaatcg
tatgttcaga	ctcaacgaga
nqgccaqcac	cqnqatqtaq
cgtggngcgac	atttacggca
	ggatntgntt
	tt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	632

<210> 1608
 <211> 593
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(593)

<223> n = A,T,C or G

```
<400> 1608
cactcacact tacttaccaa atacccaaac caaatatatc aatatggctc ccaagggttct 60
cgtcgtttctg actagccagt caaagatgaa caatggcaac cctaccggct ggtacttgcc 120
tgagctcgct cacccttact acgacctcgt aaacgccggc gtcgagatcg tcaactgcctc 180
tcccgaggc ggtgaagctc cctcgcacca aggctccgtc gagatgttca aggccgatga 240
ggaatcagta aagttcctca acganaagaa caatctggga gcaaaccgcc cctcaagga 300
attcctcgac aattcctcgc aattacgaag ccatttttcta ccccggtggt cacggcccat 360
gttcgatctc gtccacaaag anacttccat cnacttatcg aagaattttt acaagntggc 420
acctgttgct cegttttcca cgaactattg tctttactca gttcanaatg atgaaacccc 480
tcttgaggac ttttaagctac tggttttcac actctnagaa gaaaactntt ggttgaatac 540
cctatnccgt tctcctgaga anaaatactt ttggtggaaa tttttttagg ntg 593
```

<210> 1609

<211> 649

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(649)

<223> n = A,T,C or G

```
<400> 1609
ttcaactcaa ctcttttagac tacttttggtt tcaacacaca tacaatcaat caactcctat 60
tcaactatcc cttacataac acacttttct aaacacctcc caactacccc catcctcatt 120
caacatcatg tcttcccaaa ccactgctca atacttcccc aagatctact cctcaccctc 180
tggtgateat gctcgctccg tttacgacga gtgggcaaag acctacaacg aggagatcac 240
aggcaagggc caagactatg tcggccctgc cattgccgct gcccatgttc cccaagccct 300
aggaactccc atcatcaacc cagacgtcga gatccttgac gctggctgtg gtactggcct 360
cgtcggaatc ttctcgctc gtctggggcg aaagaagctc gatggtgttg acctgagccc 420
cggaatgctt gaagaggccc gcactacagg agcataccgc aacctggacg tgacagacct 480
gtctcgcccc ttgtctgcaa agaattgactc ttatgatgtc gtgacgtgtg ttggcactct 540
gacacagtct cacgttggtc ccgaggctat cagtgaattc gtgcgtatcg ggaaaccccg 600
anggtacatc tggncctgtt attccttgaa atctggcana atggaggct 649
```

<210> 1610

<211> 657

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

```
<400> 1610
cctatgcctc ccaacatgca gccaatgcag tatcagcaga tgatgaatcg cggaccgcgg 60
cccatgaact acaactaccc tcccatgcag gctggatatg gtgggtttcaa tggccctaac 120
cttccggttg atcagtatcg ccagcagaac atgcctaacy gaagccctat ccagccacct 180
gtttcgcaga tgcctcagat gccggctggc caaaccccg tgcacctcc cggattcggc 240
atgggaatgg gtaactacgg ctacggaaat atgggaaata tggccaaacat gggatacatg 300
caacaggagc agggtaaccc tagaagaggt cgcgtaagac aaccacagtc tcgcaatgga 360
cagccaagaa gagggggcta atcaactatt ttcagagatg atcaagacga ttgtagcttc 420
gcattgcttt aagagaactc aaccccggtg ggcgatcctc tgacanggtt tttttctaac 480
ttttcanaca agttattgaa cacgacgctc tgangaggtt tggnggtttt acttggggca 540
atacaagcga aaacacaaag cgttcacaag ggggggntta aatattgggt ngggcccccg 600
tttgcaactt ttggatggct tggncctttg gtttcccccc tggtgnttga tttttgg 657
```

<210> 1611
 <211> 468
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 1611
 cgggtcccgt gctcaagact ttaaacagat cctcgacgca gccggtcgtc aggccccagct 60
 tgaggagcgt cgccaagaga accccaacac accttttgtc gcaaacactg gcttcgaggt 120
 tgaagatgaa tgtcttgana agcgtgtgtt ttaccgtgtc atgtcgggaa tgcacgccag 180
 tatcagcacc catcttttnt gggactttnt aaccagacta ccggagagtg tctcccacct 240
 gactgntcca acaccgtntt ncaaattccc cgaccgtatt ggaacgtnta cttttactac 300
 gcttcattgac ccgggccatc gncaaactca gcccatacct tcagaaggag gactccaagt 360
 ttgtctggga gatcttttgg aggatgctgt tccccggcga aangtccttg aagtcaccga 420
 naaagcacta gtgttcccaa atntttgacg agagcctnat gttgtaac 468

<210> 1612
 <211> 596
 <212> DNA
 <213> *Fusarium venenatum*

<400> 1612
 atgagacagc gacagaagag tcgcattctc tcgaatggaa gccaaactctg gctcggagga 60
 aatttttaagg cgcataaagt ggcattttcaa ttaatgacgt attgtcccaa gacgcctgtt 120
 tgggtggctc atattacagt tttttatata ccgataccca aggcctttta gtccccgtcg 180
 tcggcggaagg ccaattttac tttcatcgtc tgcaatgaaa aggcggaagc ttgtctgacg 240
 gctcggcacg ttgagcttcg aggttaatta gaccggccgc tactaaactc agggccgcag 300
 tgtgaatgtg tccagggcgg atcatcgggc gctgccactc cgtcattgtg ccttttagac 360
 cgtatttgag gactgcgcga acgccaggga gcgctggggg aggtcgaaga ctggccttgt 420
 gtatctcgtc gaggggtctc ccaaatgtcg tctcggccaa ccccgttctt cggatacgca 480
 gcaagagact gccatgacga gtttggacat cagggggaga ctgcgaaggt gctgttgaat 540
 aggattagtg gtggcctcgt taatggccct tttaattgtt tgcaatggtg acgcgg 596

<210> 1613
 <211> 218
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 1613
 aqcqattcca cgacaagggt atcttgggtc tgaacatggt tggacatccc aagcatgna 60
 caaanccctt qaaactcga attaatanaa ttngcactca ancaacaaad agaagtggcc 120
 aaacaggaga cttngccaaac tcgatttlla tncctggggg tngccgacat cgcattaaag 180
 taacaccctc ctnttttnaa agggacnacc tgcgttgg 218

<210> 1614
 <211> 522
 <212> DNA
 <213> *Fusarium venenatum*

<400> 1614
 gttggatcgt ttgcatcatt ggctcctta gcttcttctg ctctgctctc gacaaaccgc 60

ttctgcaact	cccactcgat	gccatcqcqg	ttctttttcac	cttcattgga	gctattgtcc	120
ttgctgccaa	gctgcgcgtc	gtcagctgtg	gagagataaa	ccctaaagca	ttgccaacgg	180
actggattgc	atggggatca	gcgagtgatg	agggccgatg	tcgccgattg	caagcaagca	240
cagtttttat	atggtttttg	tttgcttgtg	tatctggaag	tttattcttg	actatccgaa	300
atgcccgcga	cacctatggc	tctctccgaa	gcgccgcttc	aagaccatcc	atgtcacaga	360
tttcgtccag	tgtgtgatga	accatatggc	accaaggcgc	catcctacga	tgggatatct	420
gtcgcacgag	aatgtcgcta	acgcgatcat	gggagcttgt	ggtcggatca	gcaaggctgt	480
accaaggctg	cgtgacactg	ggccaatcat	ttgggacagt	at		522

<210> 1615
 <211> 324
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 1615						
caggccaaga	agggcaagaa	ggataaggct	gancgtangg	ctgccaagaa	ggctcgacag	60
aacggcaatg	ctgccaatgg	cactagcggg	ggtggcagtg	acgaagcctc	tgacaacggc	120
tctaacgaga	acgccgacga	cgatgctggc	agtgatgatg	agttccaaaa	ggttcaagcc	180
gaggctgctg	cagccgctca	ggagaacgaa	gtcaaggagc	acgaatgggc	tgttgatatg	240
agtgaggaag	ccgtcaaggc	ccgtcaggct	tctctccctg	gcgagttcaa	ggcgaagctt	300
aacattggcg	atgatgatga	cgaa				324

<210> 1616
 <211> 586
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 1616						
gtttcgcccg	agcatcattg	tcctggcacg	gcccattggct	tttgtcttca	atgggtgtctt	60
gagacctcac	ttaataccct	tccaaaaacc	tataattggt	caccgcgcaa	actgcagcta	120
cacacagget	tcttgctcac	acggaaatga	cgtgaacgct	tgcagttctg	tggaagtatt	180
caatagcaca	cccagtcata	tcgctagtag	ggtctcataa	tgaggcaaca	ctgctaacca	240
gcacgcctcg	atagcaaccc	tcaccagtac	caaacagaca	tggcccgctg	taatgaccag	300
catcaatttc	agcagtagcg	tcctcagcct	aatatggcac	cgcagcaaca	gcagcccccc	360
cagcagcaac	aacatcaccc	ggcacctgtt	caacctccca	tgaatgtccc	tcagcaaccc	420
cctaattggtc	cagtgcggcc	tcagcaaaca	cctacgccta	caccggctcc	ggcaggctcg	480
cagcnaaagc	ggccagcanc	ttccgctgct	cctcctccgg	tcacagttgc	cgccccctgca	540
cctgtcactc	cctcccaagt	tcagccacct	gtggcagctc	cgtctg		586

<210> 1617
 <211> 503
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(503)
 <223> n = A,T,C or G

<400> 1617

ctcaagatca	accctcgcgg	ccttgteccg	acgattatcc	acaatggcga	gacaatcact	60
gaatcagcta	ttgtcgcgca	gttctcgtc	gacgcctatc	ctgcccacaa	caagactcta	120
ctccctgcgt	cctcggaccg	tgatggggcg	ttgatcagag	ccaggatcag	tttctttgct	180
gatacctact	ctagcaaggt	ccagggccat	ctcagcaagg	ctatctacct	tggaaagacg	240
gaccaagaaa	ttgagagtgc	tgttgatgat	gctatagctg	gtatcgtcaa	agaggttgaa	300
cctctttctca	agaacgcctg	cgttctttg	gtggtagcga	taagctcanc	tttgccgagt	360
cctactgncc	gtcgtcattc	gacactgnnc	tttcaagcac	ggcttctacc	gacnattttt	420
atcggcctcg	aaaanaaccc	caacttttnc	agnngcncag	gccatagtaa	ccntgccagg	480
ggntaanaat	tacatnggga	caa				503

<210> 1618
 <211> 603
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 1618						
tttntcttcc	cgtacgctat	gatatacacg	ccaaccatcc	gtcgacttna	acgggtctttt	60
tacaatgccca	tagcgaaacc	tagtagagaa	ctgaaaatac	cgacccagaa	cacgttgaga	120
acttgcactc	cagaagcggt	gtttgctgga	gcctctccca	tctgtcccat	acttgctggc	180
cgcgtcgctt	cgacctgac	attgtccact	tctgtctcct	tgttgggggt	ataagtacgc	240
gattcaaaac	cgcacgactt	catgatgatg	tccatgttgn	tttgcttatg	tccatccacg	300
acaatgcagt	cttggcacaa	tgtgcgcacc	ttggctacat	ngaaactctt	gttcaaaaca	360
acacagtctc	tntctggatc	gcctgatccg	gtgcgtttgt	ttgtaggcta	ctgtgccatg	420
taccaactcgc	cgtttgcgat	tctnccgaag	tcttgaagtc	tttgaagtcc	ccgaaagtcg	480
aaagagttagt	ctgtgtcgcc	attggtgtgt	ncatgagcat	agacgccatc	gtggtacgct	540
tttgcgttga	aacttgatnc	acaagtactt	gaagtctcct	tccgagtcca	actcgatgcg	600
atg						603

<210> 1619
 <211> 465
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 1619						
ctattatcat	ctaaagccct	aaacgattcg	aaatttgcgc	tgaaaacatg	tatacagggc	60
ggagcaaaat	gtgacgggca	agaccatctg	atgttctatc	atagcttggc	cttggcctct	120
ccaactggcg	cccgacctt	tgcgagctca	tcacataata	ccaggggacg	tccgcctctg	180
cttccgtcct	gcgtcatcaa	tccattatac	acaccatttg	tctctcttcc	gacgccatcg	240
ttcttcatct	cctccagcg	ccactttctc	ccaagctcgc	cgccctgacc	ttgcaagaca	300
tccgcgatct	tctcaccaaq	qttqqqqaq	aacttqtatc	catccccact	atctctatc	360
gggacaaaaa	tccttccacc	agggtgatat	cgatgaacac	tccggtctcg	tgtttcggaa	420
tacacanatc	ccccccctcc	atggcggggt	cngcccccg	ataga		465

<210> 1620
 <211> 600
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 1620

ctcttttgcgc	ccacgtcaac	aaggcaagca	gtcaactctg	actcgacacg	ccaaggcctt	60
ttccaacctg	catcatttca	cctccgactt	cctctggcga	aaaacacgca	ccgccttagc	120
gcgtttctcct	tccaaatcta	cgtegacctg	tcgctactca	taatctgtcg	cacgcgttct	180
ccccgcacac	tttcttccca	tcgatcgcat	tagcacttct	actctgcggt	acttattagc	240
ttaagctccc	gctacatcga	atcctgactt	gtttccgctc	gcctattatc	taccgtatcg	300
cgacatccaa	aaaaaaattc	agttcaaata	atacgattat	tcacctccta	tcaacatctt	360
cgctttcttct	aaatccattt	catcatgttt	ttcctttata	acttggaacg	taaggcacct	420
tgcaccttn	tttnatgggc	cgcaacatgc	acgagctcgt	gacgggcaag	ctcctgaang	480
atgtcgaagg	cacatgcgct	ggcagctact	tcacatcttc	catcatggat	gctttcgaaa	540
tttccgaag	gacgaaatnc	tcctgggtctt	ggtttggncc	anttcactgg	ggganatcca	600

<210> 1621

<211> 467

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 1621

ggatgacctt	atcacaacca	ttcatctcaa	tttattatta	ctaccattcg	ccgtcatggc	60
ttcttccctg	tagagcgctc	cggtttttgc	tgtgactcga	ctctcctctg	gaacctgcgc	120
aaacatggcg	gggaaacaac	ctgggggtatg	gaagacgccc	ttgactctca	ataacgacac	180
caatgactca	agcttcccgg	ntccaaacct	actgcgagtc	cggaggtcaa	taacaaaatc	240
gaatatgaag	aattacaaca	gaacgagatc	cttgccctcg	aggctatcta	tggcgatgac	300
tttggtaatg	cattcgggaa	cccaaagngc	ctggaagaaa	accgaaccac	actttngaca	360
tacggataaa	nggcatttaa	aggatgaaga	acttggnntg	gnacggtnga	gctttngnaa	420
tggactgcna	cctatcccga	aaatcccnac	ttttaataaa	ccttgaa		467

<210> 1622

<211> 608

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 1622

gctcaattcc	ccgtccaatt	gaccagcgat	agtgtctcaag	cctgaaaggc	actgctatca	60
aaaatgagca	gggcactttt	ccgctccatg	ctggagctcc	gagctcccag	cgcccgaatt	120
tggccccct	catctctact	gccgattcga	acccgcgcgt	tcaacaccac	agcgcctatc	180
atcgagcaaa	cgttccctga	gcgtcacccc	aagaatgcqg	ccaatcctac	tqccaaccaq	240
ccccgacctc	tagctctcaa	agtcagccat	cccaatccac	ctccaaagcc	catggacgac	300
tctgtcaaqa	cccttctacc	attcctggcc	gctcaaccgg	atcattatat	caccgttcat	360
gtccacggat	tcccgtaacct	tgtccgggag	ggatgatcagg	tccgtctgac	tttccgcgatg	420
cccggtgttc	aacctggcga	tgtcctacgg	ctcaaccgtg	ccagcgtnct	cggtagcaga	480
gattacacca	tgaaggggcg	tcctcatatc	gatgagcggg	tttttgagtg	canggctaen	540
ggtattggaa	caagaatctg	agcctctgcg	catcaagatc	aagaagaaga	agangcagcg	600
aaggatga						608

<210> 1623

<211> 510

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

```
<400> 1623
gcggggcaca aagctccccg catcaaaaca acatgcggag cttccatacc atccgagctg      60
tactactcag ctgggggaaag tcgattgttg ctcgttacta tccccaaggt aggtaaacaa      120
ttgcaacggt agccaanctg cagtcttaac tatgggtgac acatccaatc tctccggccg      180
ggactacgcc gttcaattag actccgatga tgttcttaga catacccgtg acgaattcaa      240
tateccatcc aaagccgatg tagcacgcaa aactctccct tcgggcnaca gcacagacgc      300
gaacgataaa gctatatacc ttgtaggcaa ctctcttggt cttcagccca agcgcacgcn      360
gaacggattc agcagtactt gcaacattgg cgcaccaaag tgtccaaggg tcacttcnag      420
ccctctggag antccctcta cgaacttqgt agatgttgaa gctcncgcn ccaaatgaat      480
ggccctanct tgggtnncaa ggtagcgag                                     510
```

<210> 1624
 <211> 682
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(682)
 <223> n = A,T,C or G

```
<400> 1624
caaacctgca cctattttca ctacacgaac acttgaaca atggcttcag gcgcagtttc      60
cgttcctcct gnaaagtagc agtttcttgt cgtcgttcat gataanccca atatgcttga      120
naagcgactt gaagttcggg gacagcnttt tgaaaacatg agtctgatg ttgagagtgg      180
aaactggaag atgggagggt ccatcctcaa ctctgttccc aaagacgata gccctagcag      240
tctggatttc gccggaagca cacttgtctg catcgccgat tccgtagaac aggtgcgaga      300
ggcattaagc aaggatatct atgccacttc aggtgtttgg gatatggaca aggtccaaat      360
atatectttc aaggctgctt ttagattcaa ctaatcttat ttctaattct ctgattgaac      420
ggtgcgttcc aaacttnaaa agacgcagta accttcccag tatgaacccc ataatccatc      480
tattatgcga tctaataagg cgtataatgg atgacaatat tatgccccag tgatcgtata      540
atcngtgaca ttttattttt atattattgg tcttatactg caagattgct gtgctttaaa      600
gatgcgcttt ttaaagattg aaaagtcggn tagattatca tacttaaate agcaatagtt      660
aaagcaaata atcagttaca at                                     682
```

<210> 1625
 <211> 337
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(337)
 <223> n = A,T,C or G

```
<400> 1625
tgccccccca cctcctcctg gtgctcctcc tggactgggc gacattaatg ccttcaccca      60
gaagtatgat ggtggaagac ctcccccacc gtcgctctct ggagagggcc agccaccacc      120
tcccagtgat cagcctcctc cacctccacc tcccgggtgc taaacgaggg aagaccagga      180
tatccaaggt tggaagcttc tgacaatagt aaattctcgg ctaggggcta aagattgttt      240
gtcaaaccgg atattaggaa agggaataag cgatcgtttc taatgtggca gcgactaacc      300
agtacaagcc aagcttgtat ttcacttggn ccttttc                                     337
```


<210> 1626
 <211> 679
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

<400> 1626
 gcagntcatg tgtcaaccag gacacaaggc aaaggaactt tgacactttc gcgttgggtg 60
 atgtccgacc tcaagagttt ttttaattatg aaacacatct cgaagtccag tggaacgata 120
 accacagaag cattcatccc tggaaatggc ttaaatgctg gttcgtggtc agattcacaa 180
 aggagctcgg tatagatcag ccacacgaac tatggggtaa agccatcgca aagaaccctc 240
 caacgggtga ctaccgcta qgaqccgagc agatcatggc cgatttgaca aaaaacattt 300
 gggttcatgg tttttgtctt gtcgaaaaacg ctgagccgac cgcgcaggca acaaaggcct 360
 tcttgaggaa gatcggacca atccgcaaca ctactacgg aggattctat gattttatcc 420
 cagaccttgc tctagccgac actgnttaca cgaacattgg ttttccagca cacaccgaca 480
 caacctantt tagcagacct gntggcctgc aagcctttta ctgttttgcg catgaagccc 540
 cctgacacaa cccaaacnac cattgggggg ngagtttttt ttggtcgaag gtttcacccc 600
 tcttaaattt nttgnaacaa gganncccg ggaatcttat taatntcctg gganaaactn 660
 aaaatccctt gggatgccc 679

<210> 1627
 <211> 590
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 1627
 ccaaccgcga aggacctcct tcgccaccgt ttcatecgca acgccggcaa ggtcagggca 60
 ctgcaggagc ttattgcccg tcgacaaatg tgggatgcca atcagaatag gcagaagcac 120
 ccgattttatt accaagagac cctacagtca atgactccta aggacgagca gcaagaatgg 180
 gcttttgata cagtaaaagtc ggtcgcgccg ccgcccaaga ggccaactgt caagcagcac 240
 cggaaatccat ccattctcaa cgctgaagag gcgatgaaga agttagatgt taaggatggc 300
 cctctcgggtg ggacctctcc tgcacctggt actgttcgaa agtcgactgt ccgccgatcg 360
 tcgcttgctc agagcaccac atcaatgcga tcgagtggct ctccccgagg gtccnttccc 420
 cccaaganac ctcttcagac ggacatgtcg tttygaaatt cgggatcgac tatgcgcctt 480
 ttcnaanaaa tcccttctga cagttcaagt cagggcgagc gaacgacttc gtcagannat 540
 gtcttctgtg acaanaatca cattcttcca tnaacaacte ctgttgaacc 590

<210> 1628
 <211> 545
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(545)
 <223> n = A,T,C or G

<400> 1628
 gtacacgaaa aggataaccc gaaaaattgc ctcgaaacta tgataccata agcatcgcaa 60
 tcatttccca gccagccca gcgcacatg tcttttacca atacgccgt gacccgcctc 120

ngtgtggttg	gtcttgctgc	cggtctctatt	ctaaccagtg	tctctgacgt	caagcactac	180
ttctacatac	tgatcgatac	tcacatatgg	cgctaccgcc	aattctggan	gcttctagcc	240
taccactgtg	ttatgttnac	tcaaccgaag	tctcttttgc	tgccatgtcc	ttgtacaacc	300
tcagaatcgt	tgaacgcgtg	tgggggtctcg	caagttcgtt	tcttctctgg	ctgtcactta	360
ttcacacgtt	catcattcca	ccaatcgtct	cgatcgtgct	gcgactctca	ctgccggant	420
ctaaantana	tccccggcngg	cccactccca	caatttttggc	ancctggctc	attacatgcc	480
atgggttcncc	tatttcaata	ccaattgcac	ntctgaacac	cncaaaaaaac	ggcatcntgg	540
gaata						545

<210> 1629

<211> 548

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(548)

<223> n = A,T,C or G

<400> 1629

acgatacatt	gacactatca	ctatatcaat	tgacctcgcc	tcctctctcc	aacccaactc	60
accgccacca	tgtctctngt	acttgagctc	cccgttgaat	acggctacgt	tcttgttgcc	120
gctacatcca	ccttcttcat	caacaccttc	cacgttgtcc	tcaccagcaa	ggcccgaag	180
cgaagtgggc	tcaagtaccc	tatccctacg	cttcaacgac	ctcgctgaga	aggacgccga	240
ggcctacaag	ttcaactgcg	cccagcgttc	gnacgccaac	ttcacagaga	accagatctc	300
cttcttgggt	gctctctgat	ctctggctgc	gctaccccg	tgccnttgc	gtcctcggtg	360
ctggctgggg	cgttctctgt	gtcttntacg	ccattgggta	ttctgctggc	ggcccaagga	420
cgcctgggtg	ggctctattg	ctctaccttt	gcgaagtgtc	gctgaagnca	tgcccgncct	480
cactctatca	tgtatgctat	nggtaactga	gttgacgtac	cacaattgaa	tataataatt	540
gggttccc						548

<210> 1630

<211> 630

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 1630

gtctaaacat	ttcccccttg	ccagcatcaa	ccccctctctc	cctctctcaa	caataatcaa	60
gtcgatactt	ctctcatgac	gacagccacg	gctacggcga	ccgtcgaccc	cgcgggcgaa	120
ggcgaccagt	ttccccctccc	taaaatcctc	gagtaccccg	cgtaacccc	gccaatcctc	180
atcacacaag	gtgccgaggg	tcgtctctac	aaaagcatt	atctgttgcc	ggatattccc	240
tgcgtcttaa	agtatcgacc	tcctaagccc	tggcgacacc	cagttcttga	ccagcgccct	300
acgaaacacc	gcattctctc	agaggctcgc	attcttgcaa	aagtgcgcnc	gcgatgggtg	360
ccgcgtccan	cggnctacgc	tgtanatgaa	ctgccggctg	gctgatgctg	gaatggatat	420
ctggaqqact	qtcqtaaqaa	catcaacqaa	aaattqgna	acaaacqaa	aanatnqaa	480
atgaacaana	gtgaaggatt	natgccagaa	ncggnaacgt	tttggnaagg	tggcaagggt	540
gnattgttac	gggacttgnt	caacaaaaga	ggtggagctt	tggttandcg	nagaanccat	600
tttttaacgg	gagtngttta	atgaongggt				630

<210> 1631

<211> 818

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

```
<400> 1631
ccccaaaccc tcaatccgnc catctccatc tccccggagt caccccaatt gagcctctac      60
cagccattca aaatgctcat ccaactctct agggctacgc gcgctcgctc cgccgttgcg      120
gctgtttctc gtgtcgccag acccaatgcc gtccagggtga ggggcttcat tgctcctacc      180
gtctccagga aagccgactt cgtccaggag ctttacctca aggagctcaa ggcttacaag      240
atccccgccg tcaaggagtc cgatgccgag ggcaacgtcc agaccttcag cgttcccaag      300
acccccactt cccccgagga gaccgacctt gccggcaacc tgaaggagta cgagagcatg      360
gctgttgaga tgaagggtca agaccctccg cccagactgc cgggtgcccc aagggttgctg      420
actggcttga ggccgaggag gacgaggagc ctcaccacta agcggctctt tcttttaaac      480
tctccgttac catttgangg tggttcataa aactatccgt accgcagcac attttgaggg      540
tgtctcattt ctcacgcctc anctgccgtc actcggggat agaaaaagag ggagggctga      600
taccaaactc antccgggga tgaaaagccc gggatgcgac cagnaaggac tgaacaagtg      660
gattggggac naaaatcctg gtgtncattt ttctaaaaat acagccttcg gttgctgtga      720
ngaactaatt gcgaanggcc aacgttaaat gagcntcaag caatctttta ctattcccca      780
ccccaaaatt cctgcgggcc gttcgacatt
```

<210> 1632
 <211> 678
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(678)
 <223> n = A,T,C or G

```
<400> 1632
atcatctcat cttctcaagc atctcaacta ccaaacactc ttcaactcca acaaacact      60
ctctccaatt ctccacaca caaacaacca accaccatca aaatgaagtt caccacctct      120
ctcttegetc tcgctgccgc cactggcgct gtcgctgctc cttctgctcc cctcgacgcc      180
gtctccatga tggccgctgc tcctatgtgg accattgagt ccatgcagcg aacatgcgat      240
aagcccgata ccacttgcac ctggaacttc aagatcaaca ccggtagcgg tgcgctacc      300
ccttgcaagt acgtcgtaa ggcttccaag agtgctctc aggccaacgg cggccctgcc      360
aagtgcggca ctttcaccat cacctctggc tggagtggtc agttcggtgc cggcaacggg      420
ttcaccactc tgtctgttgt cagcagcaag aagcagatcg tttacccaag ctacacgcac      480
aagcacttgc tgggtggcaag gttgtcaagc ctgacaaaag taccacctgc ttctctccct      540
taagcgatgg acgaatttat ggatgacgga ttaatgggct ctggggggtg ggtggcgata      600
atatctaata ctcaatatct aaacgggggg gataatgtat atacaatcac atagatgacn      660
aaacatcacc ttatctgg
```

<210> 1633
 <211> 153
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

```
<400> 1633
cgggtatcatg aaggatgtca ncnogcttat ccnctgccc gaaotggong ggaccatgca      60
agaactgagc gtggagtgtga tgaaggcggg cgttatcgna ngagatgggc tgacgatgta      120
cttctcggga cgggagacat gnttatggaa tat
```

<210> 1634

<211> 625
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(625)
 <223> n = A,T,C or G

<400> 1634
 caaactcttt acttccctcc aactacatca tcaacctcat ctcgaccttt tgctttttaca 60
 ctttgactac atccttcaat ctaaagtcga caacacatac tccctgcctc atattcacct 120
 cacctcctca acttatacaa aaatgacagc cgnataggca cagccgactg ttacagtnaa 180
 agatccctct gcagtgcgaa agcgcaaaag acgtgccctt gccggtggcg cctctgatga 240
 trgtttctct tgnccaaga anaacatcaa gtgtgaccgt agacggccat attgtcccca 300
 atgtctcgag gtcggcagtg aatgctccgg ttataagaca cancttactt ggggagttgg 360
 cgtggccagt cgaggcaagc tccgaggcct gtccctgccc atnggaaaag ctccctctgt 420
 tcccngagac ccaaaaaaca ctcaactggt ttcttaagat ccagctnttt cnttgcaenc 480
 atggaacaag angacgagac gagaaaaatg cccagggnc attgatnttt ctgccngnac 540
 tcaagtgcct ncgttctacg acgcctttta ccatggggagg atcgactcct ntntttttca 600
 caggntgngc atgcancccc tatcc 625

<210> 1635
 <211> 755
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 1635
 ctogtgcccc catgcaacag ccttatatgg cccagcctga ccaacaacct tacgggtgcct 60
 atcctcagca tggatatggc tggcctcctt ccccgcgtgc tactcctccc tacagccact 120
 acgcgcgtcc ttacctccc aatgtccctc aacaatacct acctcacgt ggccatccag 180
 gcctacctct tctcactac cccagggcac ctgtttacga gcaccgtggt gctcctcttc 240
 ctcttccctt aacggccaag tctcctcacc acccgcacat ggctcttccc agagcacacg 300
 agtccctctg cgagcaacat ctccaggcag ctgcacaaag cgccatggtt gatgctcgac 360
 ccagtgggtg ttcacacact caccaagtag ctctaccaag tctcggggcg gtgaccaacg 420
 gtcccccctg ctcgctcttg gcagcaatca gcacacctcc cagcagaacc atgagtgtta 480
 gcccactctg aaactctcgt tctgaagtgt ccagtctctc tacccttcac gcagtgttc 540
 atcatactcc cgccaagcaa gcgaaagtgg taattgcca gcttggttag tgccgncagc 600
 agcctagncg tctgntgctg cggcttgaan aaggtggcgt tagcgaggat gccaaaaccc 660
 tgaaaatggt ggatcgcaag gtctgcattt taaaanaagg acanggcatt gcgtagtcen 720
 tngaaaactc gactccatga tgattcgaaa atgan 755

<210> 1636
 <211> 763
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 1636
 caccaggttg aatttctccg gacaagacga tggatcgctg ctcgtatcgg cgatattatg 50
 gcacagctag tgggtgcact aaagtctgta tcttgtcagc agccttgtea ggcaagcatt 120

tgtctttgat	gataaaaggc	atctcttgtc	cagctgttta	tgtttttgaa	tcattctcatc	180
tcattctcatc	taatcacact	ctcacaacaa	ctctcaactc	tcttcatcaa	cacttctcac	240
tcaacaccaa	aacaaactat	caccatgaag	ttctccgcca	tcaccgctgc	tgctgccctc	300
gtcggcgctg	cttctgccgc	caacaaggcc	gtcgtcatca	acgagtgtga	cactgccatc	360
tacgtccagt	cgtccccctt	caacggcggt	gctgctggtc	ccttgaccac	cctcaagcct	420
ggtcagcgat	tctctgagga	tctccgcact	cctggctcta	ccatcaagat	tgccgacacc	480
cgaactctca	acaagcctct	cttcttcggc	tactcctncc	acgccaacaa	cgtctactac	540
gagctcaaca	ctgagtaeng	naacccccctt	gncaacaagc	acaacatcct	gaaccctggt	600
gatggctggc	caagaaaatt	tcgaactggc	nanggctggg	ccgaatgccc	aagtgggcta	660
caagccacac	ccaagcaggc	aaggaaaaaa	ctaattgggtg	ggccctaacc	tgggtagccc	720
tttatgctta	agaattggng	ccaaataaaa	aagggggggg	tgg		763

<210> 1637

<211> 126

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 1637

naccgccagt	anccgaacgc	ccttancatc	ttctttctcca	agtctctcct	cgtcaanct	60
cttgetcaca	gagagattga	ngnttcactg	nagaagaacg	ccngattcca	atggatcatt	120
cctgac						126

<210> 1638

<211> 644

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 1638

cagtgtgctg	ggaatttgca	aaagcttccc	aacacccctc	tgaccactcg	ctggcttaacc	60
gaacgcgaga	agcaactcgc	ccatgagcgc	atggagaagg	acaaggtctc	tgactctgaa	120
gagggcggtt	catcttgagg	gggtctcaag	caggcttgca	aggataagcg	aacatggctt	180
ttctgtctta	tgcagaactt	ccatctttct	gcttgcctct	tcaattcatt	cttccccact	240
gttgtcaaga	cccttggtct	caacactacc	gttacacttg	ccatgacatg	tccacctttc	300
atctttgccc	gtgtctgcgg	catcttcttt	gggttgaact	cgggacgcct	gcacgagcgt	360
acttggcata	tcaccgcccg	tctttcggtc	gcctcgtcgg	tttcgctctc	gcccgtgcga	420
ctctcaacac	tgntgccgat	acgtcgtctg	cttcactctc	cccatgggtg	cctacgctgc	480
aactcgtcat	cattgggatg	gcgtcttcaa	cactgctcaa	accaangaga	aaaaagctgg	540
tggtttggnc	atgaccaatg	ttgggtggga	gancgggtac	atntacgggg	cctacctntg	600
ggccaagagc	gactcttccc	gatatgggaa	ttgggttcgg	ngcc		644

<210> 1639

<211> 409

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

```

<400> 1639
tcaatcatgt ttttcaagaa gctgctcact tccgctgcag ccctcacagg cactgcgctt      60
gccagagca aggcaggcgt cgaanacctc nacaagcccc gcagagacct tttngaaaag      120
gacctctcca agtgtccccg ctacaaagcc acaaagcact gggagaccgg atctggcttt      180
tacgctgacc tttccctcgn ggtcangcct gtgatgttta cggaatcgat ctgcctgact      240
gaactngagg ttgaatatta aaccgaaaacc gantgtttgt naanatttgn atacnaacaa      300
cactgtanac aagnccaaaa gacttttccn ttcgncgggg ctgcacnggg gtttccccaa      360
aaactggggg taagttggat ttanggggnt ctttttttta cttttcaag      409

```

```

<210> 1640
<211> 591
<212> DNA
<213> Fusarium venenatum

```

```

<400> 1640
aaatcagtc ttttgaact tcaactcaata ttttaacccat tqcattqttc qtccagtctc      60
ggcgctagac atgggacaac agcgaagtag acgatggggg tgcctcacaac acacccagta      120
cacgcaccla tcgactccat aatagacgtc gaccttgtga tcaatgccgt gtccgcaaag      180
ttcgatgtca aatcgaggat ggcaaaccgc actgccgtcg atgcgcgcag tctcagactc      240
aatgtagttt cgaagggcga tcaagacgca cgacacgaca gagtaggact agatctgtct      300
ctagcagtgc tcattcacta gctgttaatc atgtccccc tgatgatacg ttgggccttg      360
anaactogtt cgatatagaa catgtttcag ccgaacaaca cttggcgtct gatggaccaa      420
cgatatctgc agccactcct tcggtgttcc cgcacgaaac cgaagcccg tatcatcaag      480
cacaaacact tggtagtgtc acagcttcaa cgcagctgca attctcaagg tcaactggatg      540
atatacaggg acagacatca atccttctgg ggatctcttc cgaatcgatc c      591

```

```

<210> 1641
<211> 612
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

```

```

<400> 1641
agaggtcatt aaagaaccct agcgaacatg tcgataaagc acaattctac agtccttgtg      60
gatctggggt catataaact cgaggtaacg gtccacgggc cgccccgacg cgcccacaac      120
ccgatttgtga tcatcatccc cgacataggc agcagtatca aanaatggac cgtcgtcacc      180
aaaatgctag canattccat ggntgnggtc gactacaaac gtgccggata cgggaaaagt      240
gaatatattn cttnggggaga ctcaaganca cctgcccgcc tagctatgga actacatacg      300
ctcctacgag ctgnnaaaat cgcaccacct tacatcatgg tttgcaactc cngnggggcca      360
gcatctgngg gaattttacaa agtganaaac ctgcccgaatt caagggtttt gtntttgngg      420
acccaaaact gggccattgg atctgtntgt caacccaaac tttcaagggt tgatcntaaa      480
antgngcttt ggaactgtat cnttaatcaa tcggcttgga agcttttttg aaaaaaggc      540
tngggcggtc attaancccc nctgaaggga anacccaatc ccggtcgggg naaaaanttt      600
tttngggccc ng      612

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<210> 1642
<211> 625
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

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<400> 1642

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gtggagaaaa	gttctggtac	gcttgttgtt	gagcctgttg	cggtggtggt	gagtttggt	60
gctgatattg	cccttgataa	ttggtttggg	gatatcgagg	agcttggtc	tgctggtact	120
gtgacggggg	cgtaggtcgg	ctttgttgag	gttgttgcca	tggcttagct	ggctccattg	180
acattcgggc	catgagccct	ctcagtcctt	cgcgtcccat	ctcagcctgc	gagttcttgt	240
tggatgacct	ctcctgctca	atttggttga	gcagttgcgc	tccttccgat	ctacgggtat	300
tgacgaagct	atcgacgttc	ttctccaagc	tctccactgt	ctcgcgcctc	tctgcgtacc	360
agttcttagc	actttgcaga	cctgcgacaa	gatcgagaaa	ctcctggtaa	gctcgcttat	420
atcggttgat	aactgacgat	cgttgctcgt	gaataagtct	cgtatttgc	ctgttccgac	480
tgaactcgct	tgtcctgcaa	caagtcgggt	gaatgcgctt	gtgagctcct	tcacaaaaag	540
ctgactgctt	gtgattcgct	tgcaaaagtc	ggtttttggt	gaagtcggaa	cttttccaat	600
tcctgctcaa	acagttgcgc	ntctn				625

<210> 1643

<211> 443

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(443)

<223> n = A,T,C or G

<400> 1643

caacaattca	acagaagggtg	gtttttctta	taactatcta	tcaattagac	aaacctctct	60
attgccttca	tcattgtttgc	tctcagacgc	acaatggcca	atatggcacc	tcaagcctca	120
tccagcctca	agcaagcagg	caaggtcata	tgtattgggc	cgcaactttg	cggaacatat	180
tgccgagctc	aacaagtgtc	aaacccaaang	cagcccttnt	tcttccctaa	gccacacctg	240
tccatcgngc	tcccttggng	angggggctg	cctgagaccc	angggccttg	agatgcaacta	300
cnaanttgag	ctggcctttta	tatnggaagc	tgactngaana	attaaagcct	tttgatgttc	360
anggtgttat	ggatgctgaa	aaggttaccn	ttgtgccatt	ganttaccce	ccgaaccgct	420
aaaaagnggc	caaaaaaagg	ggt				443

<210> 1644

<211> 622

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 1644

tcaaaatcag	gaacacacta	gaccagaccg	ataccgtccc	catcgccctc	gcttccgect	60
ctagtaataa	gaaggctcgt	ggcccaggtc	ccataccgag	gcaatctggt	ccttccctgc	120
tgacccaagc	cttggtctct	gcccgcggta	ttacaaaacct	caagcagtc	aaatccttct	180
ctccctcaac	caccactaca	actactacaa	ccatctctcc	tgtaacctca	tcttccacca	240
caacccttac	aactacttct	gttctgtgtg	ttcgacagtc	taacctaaac	aagaccgect	300
caccctcagc	gactatctcg	acttccacct	cgcaccaatgc	gcagttgagt	ccttcttcat	360
tacagggacc	acaaacagca	ccagcgaggt	tggcttccca	gtacgacccg	gacagcgect	420
ncatctcatt	cgaatctatt	catcacaatg	tcccgtctcag	cgcaccgntc	ctcgaccggt	480
aacgagagct	acctctgaat	ctatcaacat	gggatcattt	acaggcacca	caatgacgtc	540
gctcgccctt	tgcgaggctg	cgagcgtcct	tcattcctna	accactcaac	tcttgntaca	600
cttcgaggcg	ctcttganca	tt				622

<210> 1645

<211> 610

<212> DNA

<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

<400> 1645
taccactca atctatcagt tgcaaaaaca caaaaactac atcatgtctg actcagacgg      60
cctaattgag cctattgacg atggaggcga tgaccttttc ggcgacgagg gcgacgacga      120
tattgtacct accaaggagt cggtcgatga agatgacgag ctgcctcgg acccagaagg      180
agacagctac gcgcggtacc gcaacgacga tgaagacca gcaaatag agactaagga      240
gcgtgctgtc caaactgtca cgacataccg gcatcgagtt cccaagccca aagacggcgc      300
gttgcgagtt cttcgcggtt ccaagttcat caaaataatg cctgaagagt acaaccctga      360
tacataaccag ccaagcgaat tcgatattgc caacgccaa gctgaacatc ccaagcacgt      420
cgccccgagtc cgaagagatc acagcaccgg cgagctgaaa agcaacacaa acgtcttcca      480
ctggagcgat ggatcagtga ctatctctgt cgggggagag cactacgaaa ttaacagaaa      540
ggcgctcgca ccaccaccag acaagcctta taacgaggtc cangatggcc actactacgc      600
tntttgncgc

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<210> 1646
<211> 637
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(637)
<223> n = A,T,C or G

<400> 1646
atagtcacaa gctttgcctt ccatccgaac gcaaaactcg acaaaatggc gaaaggttca      60
aaaggccctaa gagcctcgtc taaggcagta gacccacccc tcgatgctct ttttgcattc      120
agtgcgggcc ctgtccaagc tcccaccaag tcaagatact cgacattggt agaccagaag      180
gttcgagaa ctcgcaagcc caaggtgcag cttgaggagg acgatgaggt tctttccgag      240
atcagcgagg aactaagctt cgaagaagat ggtccttctg atgaggacga ggacgaggac      300
gattctgagc aagaggacga aagcggagac gaacaagaaa aggaggacga ggaggagagt      360
gagggcgagc acgagcccat gaaggatgag cctgtcgagc tcgacgacat cattgatgag      420
acagaagaca agtcaaacaa ggagcgaaaa cgaaagcgca agaaggacaa tgacatctgg      480
aaagcaaaata tcttgacaag atggctgcan aggaagaagc tgancgtgcc ggcaaacgac      540
agaaagaacg acgctctgac caaagactga caanaagtc acagcccgat ganggaagat      600
gttggtaacg aaancgatat tctgttccat gagaaat

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<210> 1647
<211> 608
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G

<400> 1647
craattggca agcgtgatat tgagcgcatt ggcacagtga ctatttcaact tgtttaagca      60
cctgcgcate gtcaccttgc cactcaacac gttccctatt actcctcaact tgcacaatat      120
ctttcgcgct tttatagccc ctccataaat aagcattatc accatgagcg gcttcacgca      180
ctactccaaag actaaccagt cgaagaacta ccatggatct ggttcctttg caacqttcat      240
gattattgcc cctgtgtgct tcttccctggg tatccttttc gcgtcglttc cttacgactt      300
ccctctctctc tggaccaagg cccctgtgcc cgacaacttc ttcgaccatc tcgagacgca      360
totgaagttc gtgcaccaat cccccgcact catcaagccg cattctccac attgtcattt      420
ccatcggggtt tatcggttcc ttaatcaagc tcttcgcgcg agcgaggcca acttcttttt      480

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gangggcgc	cat	ctctc	atcct	ctactt	atcgc	gcttnggngt	ctacg	ttgcc	aaacattgnc	540
aaggcttctc	cgaagcg	tta	gcgc	cccaaa	tntggactaa	cgangggatt	cgacgggnaa		600	
aaccacg									608	

<210> 1648
 <211> 546
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 1648										
gaggaattct	cccga	caggc	ttcaat	ggaa	agtgag	ctca	gcacccagtc	atcact	catg	60
acgcgcgcca	agcaag	acat	ggcttc	actg	gctaa	aggcc	aacttg	gctt	catga	120
tttgccaccc	cgctgt	ttca	gggcgt	ttgc	gatat	catgc	ctactat	gca	gtata	180
gacgagcttg	agatga	aataa	gagtc	tcttc	gagct	gaaac	ttcaaca	aga	gaagg	240
cagccgttag	acgatc	cggt	ccgaag	ggcgt	cttct	ttaaag	agggt	acatt	ctcgcc	300
actatgagct	tcgcgg	tacc	ccaag	aggag	gaaag	ggagg	agagaa	agga	catggc	360
ctatttgaag	cactaga	ccg	agcat	cggac	acgac	accgg	ttggc	aatgg	tgagct	420
atgccacgtt	cggagan	cga	agaact	atcg	ccggc	cgata	tcaga	aagaca	atgggg	480
catccgtgaa	tggtgc	actg	tanaa	actaaa	ggctc	gatgg	atcatat	cac	attcg	540
gtaga										546

<210> 1649
 <211> 418
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 1649											
ctctnctttt	gcacat	catcac	aatat	gctat	caaaa	anggaa	tcgcc	atttc	ctccct	cgtc	60
ctcctgcct	ggcgat	ggcc	gcacg	ctcgt	tggtc	tgctc	cctgc	aggng	aaagt	ggcct	120
tgaggctatg	acctacc	ant	ntcct	ctaaa	actga	tatcg	tcggc	tcctt	cgta	agcca	180
gccaaagtacc	gctgg	tgttt	ctgct	gtctt	atgg	aggcgg	ttt	anttg	ct	ggagac	240
taaatntgac	aatcc	acgtc	aagcc	ggagg	cgaaa	actcan	cattg	ctacc	caagg	tcaca	300
caaaaatttt	taagtc	gcct	acaag	cagac	ntntg	ttaca	agtca	aaaact	tgga	gggtcac	360
tatagacaac	aacgc	tttaa	atggg	gccttn	taccaa	accc	tggtc	ancct	ttgaa	aga	418

<210> 1650
 <211> 410
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 1650											
gacgcggtga	cccttc	atcc	tcga	agttac	acccg	ggtaa	ccga	attgta	cata	caa	50
cggcagaatg	tctc	aggcta	gaggc	gtcaa	aaagt	ccagc	aacc	cagaac	ccgg	caaacg	120
ccggactcct	tatg	ctctcc	gcgc	atgcga	agcct	gtcgt	ngtc	gcaa	ag	gcaa	180
tgga	cg	tgcga	ccgt	gtcgcc	attg	cgca	ag	ccgn	accag	aattg	240

tttagaaaat	aatgaanatt	gncaatcaac	agcaccaact	ttggttgac	caaacatngc	300
tgcacccgat	caacatcett	catcgaatca	atcagggcca	cgtcagacng	atcaganccg	360
aattgtggat	atgctatcga	gtctacangc	gcaattgaat	agtctgtctg		410

<210> 1651
 <211> 983
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(983)
 <223> n = A,T,C or G

<400> 1651						
aLlttgactct	caacacccaaa	tcttcatcat	cgtgatatct	ccgcccgtgtt	cccgtttact	60
tctacgtcat	agcctaacca	cgtctctttc	aacaaggaga	tccctgtcag	agcactgcac	120
tgagagtga	ccaggccttt	gtggaagaag	aaagaccaat	gaattagttt	cttgttttaac	180
tgtatttgga	ccccccctta	cttctgtgct	ggtccttggt	caaacaaata	tttttcttcc	240
tgccctcaga	ttgcccaga	cctgaagacg	aaacctaatc	gggcattaat	aaaaaacgga	300
agaattgggc	cacgagccca	cgacttatat	cccatataac	tgaacctgca	cgaaccgtga	360
gacaagaaag	tcacaactgc	atttctattc	gatacactag	tgtccaatcc	tagtaaagtg	420
agtcttggt	tccaagatgc	agcgtcttgg	ctcgttcgag	cgacgcagct	ctgttaatca	480
gagaccatcg	ccaagccctt	caccaatccc	cacgccatca	tccagaaccc	gaacaccctc	540
accttctcgt	ggacgacctc	aatcattccg	aagtagtaac	aaacctctt	cttcacgacc	600
aatttcacgc	tccagatctc	gaggaagggt	ttcttcacga	tcaagttcgc	gtcacacctc	660
tctgtcgaag	aagcgcagcg	acgatcatga	ctacaatggt	cttttcaaaa	ccacggctgg	720
tctgttggtg	gggatcggcg	ttgcgacctg	catagcccaa	aagggtctggc	caaagggcgt	780
tcttcatggt	gatcatgaag	antggganca	tcttcccccc	aagcatagcc	gggaaacagc	840
atcgacatcg	ctctcctgga	aacgctgacg	tgtnttcgaa	cgcaccacta	aacgacacng	900
cgacgttggt	catcacnaan	aaatcagccg	taaaagcttc	agaactgtga	naaaatgccg	960
cnagacatgt	naaggtgcng	cat				983

<210> 1652
 <211> 672
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = A,T,C or G

<400> 1652						
catttcgcta	ttgatatcaa	gagattcttg	acttgagcgc	aagccatccc	accgccatca	60
ctaccacata	tcacttacac	caccacacca	cttcaaaatg	ggtttcggaa	gattcatcca	120
ctatattggc	gccttctttc	ttttggcagc	aacagtgatg	ctcgtcgtcg	tgagcatcac	180
agctcctgtg	gttgaccaca	ttgtctttct	caagggtccga	tatggaggag	atggcgctca	240
ttatggtaca	tttggttatt	gtcaaagtgc	aagcgcgggc	agtaatagtt	gtcctaaaggc	300
tcccatcggc	tatgacctta	ccgacqcttt	caacacccctc	aatctatcca	aaattgactc	360
tggcactgca	aaggcccttg	cttatgltcat	gggtctgcac	cccatcgggtg	ctggactttg	420
cttccattct	ttccttttgg	ctattggcgc	tggcatcttt	ggctcgtcca	tgtcgactct	480
tatttccatc	gctgccttcc	ttggcaccat	catcgctttg	gcttgtgaat	ttgtctggcct	540
ctccatcatn	cgacgacgaa	tcaaccgcga	cacctntgnc	actgntanct	nggtctggcc	600
gtatctggct	tggncctgcc	gccgttttct	ttgcctaattg	gcacaattgc	cgttccataa	660
ctnttggctg	gg					672

<210> 1653
 <211> 1750
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1750)

<223> n = A,T,C or G

<400> 1653

cagatgtgaa	ggcatcaatc	tgaacaatca	gcattttccgc	tgttcagatc	tctcatcttg	60
ctattttttg	ttactttactt	gatgccgtct	gaaagctgtt	tttcgaatgc	gccactggag	120
ctcagctcgt	ggaactgcgc	acacgccatc	gcgaacacac	agatcatttc	taatntaacc	180
cgacaatnca	taatacaaca	caccgctcct	attaaaataa	ccaggttaat	ccaccatgga	240
ctactccatg	tcttcaagcg	atgcttcgag	ctcgcgatct	tctagatcat	ctgctgctac	300
aaatgacccc	gttcttcgca	acacgttgcg	ttacaccatc	tcagcacacg	aatatgctgc	360
tctgcataaa	tacatcattt	cacgatcgcg	tggtgcttcgt	cgatcgacgc	cgacaccgaa	420
tcgcgtggaa	aaggcgctga	aaccaccgaa	aggaggggat	gattataatg	ctaggacgat	480
tcgtcatgcy	ctgaggggtg	tcggttatga	cgtttttggg	tatgaagggt	tgggatgctt	540
gttgccaaga	ggatgggcca	ngaaaaaatt	natgcgagtg	ggcaaaagaa	acccttttac	600
aagtctccag	ctctgagact	gtctatttct	ctttctacta	ttcttctcct	ctacaggatt	660
cttttttagat	tctttacgcg	actgcgcttc	catctactcg	atccccaaat	ccagcccttc	720
cgttcgcgca	acccacgaac	tgcagcgatg	ctgacatcac	cttctgcgcc	agccatcggc	780
gcactctttc	ctggtctcgc	tttgggtatc	ttcccagctc	agaagatgcg	agtaaccatc	840
gctatctaca	ccattttccg	tgcgttggaa	ttcgcataca	actttttgca	agccgacggt	900
cttatctggg	gtagcaagaa	cggcgtcaag	agggaagac	cttgggtggt	tggaaagtgg	960
atgcttcaac	ctcttgcttt	cggacaactt	ttccacgctg	ctgttttcga	tcgggattgt	1020
ttccctaagc	catttgggga	tttgatcttt	aacagctcgt	cgggttattt	gcaatcgctg	1080
cctcaggatt	gggcattctag	tcttaaatgg	cctcaagact	tcggagaatg	ttgatagctt	1140
ggctcaaagt	gcgcgtcttc	aactggccgg	cttatgtttc	tcctaccttg	ttccctggaa	1200
aggaagttct	tcctcctagt	ttgagtgcaa	tttcgccttt	gacttctcga	gcgcattccgc	1260
ttattacttc	tctgtcatgc	gcaacactac	acccggggaga	ccttcattgt	ctcgaacctc	1320
cctgacattc	tggtctcaat	ctttccccc	atttgctcgt	ttcttcgtcg	ctgtcttttc	1380
tgcacttact	gtcatcccta	aattttccgc	tctttaccat	aaccccttg	cgactctgca	1440
acgcateatc	accaaggcct	tgcgcgatgc	aactttcgca	accggtgctc	tctctacagc	1500
ctgggcttcg	atctgcttct	tccagcaatg	gcttctcgt	cattttcttg	caacacaacg	1560
agtgttcttc	ggtgggttct	tcgctggtct	ctgggctttc	gtttaacgca	agaacggccg	1620
aagttctctt	cttgtagacg	gccgtacta	gcgtcaanag	cctctggaan	gtggtgttta	1680
gogacaatgt	ggaaaacatg	aanggtgggt	gactctgggt	ctttatgcta	gctcttaagg	1740
tcactggtgt						1750

<210> 1654

<211> 620

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 1654

ntgnccctga	tgctgggggg	gctgggattcg	agtctttgccc	ttctgaaaca	acccaaagccc	60
ttgcttcaac	cccattggcg	aacagtctttg	ctgntttgac	ggcagtgga	actcatgtga	120
taagggtctc	tactgtcttc	acgacaccaa	ggctcanacc	tggtgctgcc	ctgatgctat	180
ggatcttgc	gagtgnccg	ctgcgtatgg	cgtanaggat	ggcctcaaga	ccgagaggct	240
nttaaccacc	actgccacta	cgggtgggtga	gaccacctnt	gccgagccca	ctaccactgc	300
tgctccacc	accactgctg	tcaccaccac	ttctgagctt	gagaccacct	attctcaact	360
cgagaccact	tcgacaactg	tctacatcac	cagcaattnt	ntggcctcca	catccaccaa	420
tgctgccaca	actactgntg	cccctaccac	cgagcccggt	gttggttaaaa	ccacgacaaa	480
ggctgacgag	accaccatcg	gtgcccctab	tntggttaca	agcacgggct	ggagtgggtc	540
taacaagcac	cattgccact	ggcgncccta	ctaaccattt	gagctctgcc	tggtctntgtg	600

accttnagca ttagagnggt

620

<210> 1655
<211> 413
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 1655
cgngacananag cttggccctc aggggtgttct tctgaccact atcctcggaa gagacgatcc 60
ccgattaagg gatcccgact cggaagaata cattgtcgcc cgctcaatga gccacccaac 120
aqttaggtgga ctttacatgc qactattttc cgctgccgaa aaqgttcaaa acatcgtttc 180
tgtaaacggc gttggtgata ctttcttcgg tgtcttgatc tctgggttgg cgcagggagg 240
gaaagtcgag aaccttatcg atgttgctca agcaggctca tgtttaactt tgaagtctca 300
cgagtcggtt agtcccgact tgcaccgact ggaaagtgtc ttggcacagg ccgcagctca 360
ataatctgat attatgtaga tatcccgat aaaaagtaaa tgcataatctt tca 413

<210> 1656
<211> 510
<212> DNA
<213> *Fusarium venenatum*

<400> 1656
tgcgagaccg cgcgcgttcc gatctttacc ttgctcaact ccgcagccag tctgcgcccc 60
acactcctgg cttcgggtcc aagtctcccg cctcagcgc ctatgcatg tcccccgctc 120
atcctccgc tgctaccga aacctgtccg acatcagcga gaacccaat cccaaccct 180
tcacgccagg tactcagttt gttgagcctc agtctcaatt cgctcctcaa gatactggct 240
tcaagcttca agctcctccc atgaaggctc cctctgctac ccttaagctg aaccagtcgc 300
ctttcacgcc cactgaagct tcgctcctg caattccac cgttcacatt tccgaacacg 360
gtcccacagg ctccagatgag cccacgtatg aggtgtctcc tatccccggt gcatacacgc 420
gacaggctat caagagtcca ccagccgcgc aaacatcctt tggccaaagc tactactaga 480
gggtgttcaa gattgaaaac gacgagcttt 510

<210> 1657
<211> 397
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 1657
ctcaagcttc catctcccaa tctccactcc tcaacgtcaa gatgctctcc cgcgcgcgta 60
ccggtacac gacctnttg gtcacaaagc gaggtctcca gaccacccgc gctcgcctgt 120
cttcccttta ccaactacct gagggcgctt acagcaacat ccccttcaac cccgcagca 180
agtgggtcgg cgttggtctac tggnccttca tggccacggg tttcttcgct ccttcggca 240
ttgtgtgtg gcagacctac aagccccagt aaatttgtc ctgacggact ggggtttgtg 300
tttgattgaa anaacggaag ccttgggcg gaanaatgtg gtgtacataa ccgaaatana 360
catcagtcct tctcgacttt tnatctgaaa aaaaaa 397

<210> 1658
<211> 321
<212> DNA
<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(321)
 <223> n = A,T,C or G

<400> 1658
 gttgggttta aactgacatt atcagtgata cgtgcaagaa acggaaattg aaatgtgtaa 60
 gagaagaagg cgagcacgtc tgtaggagat gcgctgcnaa taacgctgag tgcgtctttg 120
 ctactcttgc cactactcac tcatcaaattg aaaataatga ccgttcgaca agacgggtcaa 180
 cactggagcc acagttngtc aaatcntgtt ttagttgctt aggaaaaccc aaaggctaata 240
 caaattggta gaccagatct tacatctctg aatcaacaag ttgctgcctt naaaacccaaa 300
 ttaagcgctt taacaacagc t 321

<210> 1659
 <211> 825
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 1659
 aaqtctacca cattcgcggt tcaaacacac atgcgcgaca cggggcattg caagatccct 60
 tacgagaccg agcgagagca gctcgacatt ggagatttct acgacttcag aagcacctac 120
 tctgatggcg gtgatatgag tgacgaggaa tctgtcgtgg acgagaccag tgggggagcc 180
 aaacttgggg caccgcgccc tgctaagggt acgggagaag atggagaaga tgtcgaggac 240
 gtogaaggcg ccgacgggtg ggaaacggat agttcagctt cgtctcttga ttcagccgat 300
 ctactgctg tccctgctga aggccatata caccagtttg agcgactcga caagcaccgc 360
 catcattcat cacaagaccc aaggcagagg caccaagccg acggttggca ttgcgatgag 420
 cataagccaa cccgtgctgt cttctatgat gactacgaac ttcaccttcc tacaggaaag 480
 tctgttggcc atcgatcgct gaacaaatat ttccgccaga acctgcataa ccatccatct 540
 gctgaagagc gaacccgagc gtctggctat tgagggctca aaagancggg cttggcaatg 600
 gctcggatgg gcaacttgtn caaagagggt caanggccgt gaganggtgc ctctggaatg 660
 ggnggcattg gcaggtgcac caaaacaaca aaaacgacgt gctcncaggg caaaaaaaaa 720
 caaggacgga cgttggagcc aggtccnctt taaccanaaa ggacttggtt tntggaaaga 780
 aacttcacca ntnccaagaa ttctncttnc cggagcangg ggggg 825

<210> 1660
 <211> 373
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(373)
 <223> n = A,T,C or G

<400> 1660
 nngncaagcc ccngccgga caaggcngcc aaacttngcc ngggcnaacc caaggagggn 60
 ggaggcgagc aacccaaaaa caaggggngc cgcaacnggg actaaaggcc cagnaacttng 120
 gccgcccann aacaaaccaa gaaggggccc tccngaggcc caaaaacgcc gggggggaan 180
 ggagnaaaag gcccaaggnc caaaccaagg gggngggggc caanccgect tccccgcct 240
 tggccccggg naaggagggg ggagggccta aanaagqaaa qqnaaaacc qaggggaana 300
 ccaaanccca agggcacngc cccgggacac aggcaaaaac cccaacatnn cccggggggc 360
 acaagggcga aac 373

<210> 1661

<211> 317
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 1661							
cgacccttac	gacaccagca	tgaaggagct	accgagccca	gactttggng	gaccatcttc		60
gatatcccat	gatgatggag	catcgaccga	tgtgaccggc	aatttaatgt	cttgacgtgc		120
ttgaatcact	gcangaaatg	ggttctccga	ccttctcctg	gaaaaactaa	atcctagttt		180
gaagggcanc	caattctgct	gtcaaccgag	tacaacatac	cgaaaatcgc	ttcggacacc		240
ttgatctggc	cantttaacg	cccgangggga	aaattcgtcg	atgaaagggg	ccttaagatt		300
ttcaagttgt	ttggcca						317

<210> 1662
 <211> 622
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 1662							
agatacccat	tcaacaacac	ttacagtcac	actacgatgg	gtcttttcag	aggcgacgac		60
gacaatgaag	cacctgtcac	ctgccccacg	cattcactag	cccaagatgc	caagcaaaat		120
cttggtggca	atctcagttt	ctatcagttc	gccatgattc	tcggnggctc	atgttccgct		180
gtggccatga	ttaccatggt	cacctgcaag	caactccatg	ccacacacct	ctcaaaccct		240
tcgagacagg	tcaagatcat	gcgagtcggc	aacctcatct	ctgctttcgc	cctcatctca		300
tttctctgta	tctgcttccc	cacagccgaa	gtctacatcc	agccatggct	ccacgtcttt		360
gaaggtttcg	ctctcggatc	cttctttctg	ctcctctgcg	attatgtatc	gccccaccga		420
gaccagcgcg	atgtcttttt	cgcgaccaag	cgaaagaacg	gaatgaaatg	gttcaagacc		480
cgctggggcca	tgatcttcca	gatgccagtt	cttgccgntg	gcgttgatc	tgaaccgaca		540
ttactnaagc	tgntggcggt	ttttgtnaaa	anaacaactn	gcgcgagtc	caacatttac		600
tgggcgttat	atgaccattt	an					622

<210> 1663
 <211> 139
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

<400> 1663							
netgaccang	tcggncgtng	tccagattga	tgctgnttct	ttccgtgaat	ggtacgangn		60
ccactacngt	cagccccatg	ggngggggacc	ccagcngaag	acccacacca	ctgangagaa		120
gaagaaccac	cagcgtttg						139

<210> 1664
 <211> 529
 <212> DNA
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(529)
<223> n = A,T,C or G

<400> 1664
nccgccaagg acgagacgga ggcgcgaaag tcnatctgca gatgacagga gaagatcaag      60
canagacagg gaaagggacc gggaaaggga tcgaagtttg gatggccgcc atcagcggang    120
aaaccgcgcg ccgcgaatag acgacggaag ccagcatnnt tccgaccaac tgccagtggga    180
aggggaacga cncgcgcgac gtagcgagtc aagacaacgc cagatcgagc accagtcatc    240
cattcgatca ctcataagct ccggtgacat gagcgagagg gatatcgagc gggaaataga    300
gtcattttgca agacatatct aggaagaagg gctcctcgac ggactcgact tggataatat    360
cgattttgagt ccgcacnaen agcttagtan ganaatcact gaggcttccg acggcgctcag    420
aaanatcgaa cncocccaaa aacnccgana aatactccct tccttgaach acttgtgggc    480
ctcaqcgga  acctnnttgt tgccctgagg ngncaccag  ggaaagatc      529

<210> 1665
<211> 578
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1665
categagggt cgcacaggct gtttctcaac gacagtttat gttctgccag gcactcatca      60
tgtccgcttt ttggtggatg gtattatgca gacatctccc gatctaccca ccaactgtaga    120
ctttggcaac aacctcgtea actacatcga agtcagcccc gatgatgcc acaaggttcc    180
tgcacccccg gccgcttcgc acgcgcgaagt tcaggctgct gctgctgctc aggcgattga    240
gcaagctcag gggggagtc ctaggaggttc gaaaccaccg cccaaccaa agggcaagcc    300
tgtgccccct ccagaagcgt atcgtagtca aattccgaaa taccttgctc actttgacca    360
ggctgaggat tcgcaagcgt accaatacgc agttaatgca atcgagagac taccgaatcc    420
ccctgctttg ccaggcttcc taagcaagcc gatactaaac gcagcgactc ttatgaagga    480
cgacaatagt gttctcaaca tgccaaatca cacnatactg aaccatcttg ccttagttac    540
attaagaaca atattcttgc tgtttctgct actactcg      578

<210> 1666
<211> 387
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 1666
njjpggttctt aacgtnttca agggcaacga tccctctaca ctcatcgcca tggglactct      60
ggatgcgttc tccgctggta tccttgtttg ggtcggctct ntaaagatgt ggcgaggat    120
tgatgatgg gtggtgagct cagcgatgct ggtcctgtga ctactgctct cgcgatgctt    180
ggtttgatct ggggtatggc cttgatgagt ctgcttgga agtgggctta aactatcgat    240
cattaagtcg actaacaggg gaagacaaaa agctgaatga ttttgagatg cgatcatggt    300
gacatccatc gggtgtttgt caaatgggga atcattatct tagacataga tttagcatgt    360
atagattttc acactttgat gaacccc      387

<210> 1667
<211> 502
<212> DNA

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<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(502)

<223> n = A,T,C or G

<400> 1667

tccgagcccg	cttccgtagc	caagaagcag	actcctgttc	tgccctccac	attccctacc	60
gcaggaaccc	caacttctaa	acaaaagaag	gttaaggaga	gcgctgttcc	cattccttct	120
attcctcact	cgtcacctcc	cagatcctct	cctgcgcctg	cccctgcac	gcgggcccac	180
agttcaccta	tccggggcaa	ggagaagcga	tccaaaaagt	caaaggatag	taagaaggcc	240
gcacaaagca	agagggaaac	ccctgtccca	ccccccgtgc	ctgggttctc	ctcggaatag	300
cgttcccaga	tgaaaactcc	tcgaaaggaa	aggcgcaggc	ctaanaacaa	gggcnagggt	360
actctcaaga	tgtgaatcgc	ttgatcgaa	gatgtgtcgc	aatgacggat	ggcgtatagc	420
attgtttagc	atcactcggg	actacgctgc	ttgcacatgg	ctatatataa	natatcatcg	480
ttcgttcttg	cagtcacttc	at				502

<210> 1668

<211> 595

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 1668

caagcgtata	aggetagagt	cccgaaccag	tggtttgatg	ttcccagagca	aacaatcatg	60
ttgggcatgg	atgaccctga	ggatgggtacc	gacccttcgc	gccactttgg	ctgggataat	120
gagaaaccag	cacgtcaagc	gaacgtccat	gccttccaag	ctcaaggctc	acctattact	180
aatgaagagt	atgcccagta	cctgtacaac	tccaagattg	atcgggttcc	cgtctcatgg	240
tcctcgggtcc	cttctaacaa	gcaagatgga	gtaccaacgc	gtcaccacac	caatgggcat	300
tcaaatggct	acactaatgg	aaatggaaat	gggcattacg	caaacttaag	ttcccgactc	360
gttcacgcag	ggcaagnttg	tcaaaaccat	gtattggntt	agttcctntn	aaagtacgcc	420
ctttgactgg	gcctggattt	gtttaatacn	anaagcttgt	cggnttgcct	tgggtnngat	480
nggggggnen	aatttctacc	ttttgaaana	ggttaaaagc	atttattgcc	catttttgan	540
taanccaaaa	aaanggttga	acnttnaacg	ttttnttttt	caanaanggt	tcttg	595

<210> 1669

<211> 1063

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1063)

<223> n = A,T,C or G

<400> 1669

tgcacacaaa	cttcacaaaa	ccttaccttc	cttaccttta	cccatccatt	tccactttcc	60
ctgggttcga	cggacccttt	tttcttcttc	cttcacatac	ccgttttaac	caaacatcaa	120
cctccgaata	ccgttcggac	cgtcgatcct	ctcgttctcg	tccgcattct	cagctgcttc	180
gcaagcttcc	agctcactcc	aagtcattta	tttgacttga	gtccgactct	cctttctaac	240
gtgttcaagc	gcctaatacg	cgtgattctt	ccgtcaaaata	ccctcattta	attcactctc	300
gtaccccggt	ccaagatgcc	tcagtacact	tctcgcgatg	tgggcgaccc	ttcgcagatc	360
aagaagaaca	agcagtctat	ggctgatctt	aagctccgac	ggctaacaga	gtccaacaac	420
cgcctgcgcg	aggatcttga	gcgagaacgc	atccccgtca	gcacaagcgt	caaagagcat	480
cacgccttac	tgcaacggca	ctcgggaacta	tatggttctc	ccgtctgggg	cgtgtgtccc	540

aagggcgagg	acccctatgc	gccgcaacaa	tctggtggct	gctgtgtggt	catgtaatac	600
cagtcgctgc	aattcttttt	cttcaactac	gattaccaaa	aatcaactac	tacgcaatgt	660
cgacgatgat	tcagcgattg	gaggagggcc	cgcagtcaat	tttgatatgt	ttttgacgca	720
tttaagggga	gtaaattaag	gagatccgag	tatgggttac	tcgcacaaca	caggcgaaat	780
gggccctgga	taccgaagcg	cttgctagcg	acacgacaac	gacatccacg	acagtcattt	840
ggggaagctg	tcaggaacaa	actgtccacc	tgacgaagcg	ccagaagggg	ggaaaagcct	900
acatagatgc	cagctgtacc	acagggaccc	ggatcgagat	accccaagat	accatttgag	960
cgggtcacaa	aaccacatc	nagagaccaa	gggaactata	ttcaagtgat	tttaattctg	1020
tctcggcgca	tgctcgctt	cttccaactn	gataaganat	aat		1063

<210> 1670

<211> 459

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 1670

atntggcgga	agcatacaat	accttcatac	cctcggatat	cgatctcttt	cttctgttta	50
ttctttgcct	cgaacacett	tgctaccca	tcttcctaga	caacaagaat	cgacctagtt	120
ttgttttagat	cgacctcttc	gaaccgaatt	acctacaca	tatccatcat	gagccagaca	180
tttaagcaag	cagctgaatc	agctcgctcc	aaggcacgag	gtgactcggc	tgccatcgcc	240
aatgatattc	ttcacacacc	tctcatgaag	gccgccttcc	cttcatcaac	gggtggtatca	300
gcggtatggt	agccaccaca	gtcatccagc	ctgtcgacat	ggcaaggtec	gcattcaact	360
tgctggcgag	ggaactgnca	ctggcccaag	cctagtcctt	tggtgtcac	tcgacagatc	420
atcgcgagtg	gaaagntcct	tgactttaca	cangtctat			459

<210> 1671

<211> 512

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(512)

<223> n = A,T,C or G

<400> 1671

ctaacttgac	ttcccgcttt	tttctctccc	ccaaacttga	ccccaacatt	tacacaccta	50
ccaaaatggt	cggcaccaat	acgnacccca	accaaggtta	ctacccttca	gcaggggggg	120
atateccccct	caaggctacc	ctcctcctgg	ccagggttta	ccctccccc	cagcctatgc	180
aagtaccagc	aagcgccacc	acctcaagaa	gaaaagagcc	acggctgctt	ctacacatgt	240
atcgccacac	tctgtgttg	ttgggtctgc	ggagagacct	gcgagtgttg	tcttgaatgc	300
ctcgactgct	gctgttaatc	aatcacctac	ccagcactgc	atttccccct	cgnanaagc	360
gottgogcat	aataaagaat	gcatgatttt	tattgccttt	ttatcgcaat	accccccgaa	420
ttccatagct	actgggtctc	taccaggctc	ttttttatac	tctcaataac	gggctaatac	480
caataccaca	caacacattt	atcnaccaca	aa			512

<210> 1672

<211> 619

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(619)

<223> n = A,T,C or G

```

<400> 1672
cgatacacat tcgcttcaat gattcctcaa gctgatgaag ccatggccgt atccaggaac 60
tttttcttgc cgcctacgag cggggccaac actattgatg tgagaaagat ccagacggta 120
caggaatact ttttcttgac acgcctgcga gcggggccaa cactattgtc ttgtgagacc 180
tttgcagcac gacaaagctc ttgcaagatg cgcacatgac acaacagctc caacagtctt 240
atgatattga ccaattcctc aacaacccat caccatcgga tgagacggtc atcaactttg 300
ccgacgacat tacccaatcg ctaggcgacg cgttcgacg tacaccctgc gaatatcctt 360
catcggtgtc tcagacacca aacagatctc accgtcgacc caagcgacta tcacgacaaa 420
atactacatc ttctgtgggt ggaagctctg tgtctagaaa gtccaagcgc tgctacctgt 480
gcggcgcgac tgacacacct cgctggcaag anactggttt ggggantcgt ttgttctgca 540
atgtttgcgg gttgttgcaac tctaagaaat tgattgcgcg aaagcgtctt gctgaatcca 600
gccgggggcg acaccatgt
619

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<210> 1673
<211> 561
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(561)
<223> n = A,T,C or G

```

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<400> 1673
gttctgagtc cgatgcacgc attttcaagc tttgtgatct tggcatcgct gctgaggctg 60
gnaaagggttc tgggcacaaac acaacacagt acattggtag ccaagcattc aggcctccgg 120
aagtgagtag cggtcgcccgt tggtcgacta aaggagatat ttggtccctt ggagccacga 180
tcggtgagtt gaaaaagctc aaagattcca tgcctggaggc ctcgatacag agaattggtcg 240
acaaatgctc cgacagaaaa cagaacaata ggccaagtag cctanaaatg ctagaagagg 300
ctcgtaatgt gctcgagaca aatcagctca tggatacatt gccaatctca tcgcgactcc 360
atatccaggc agtgcatggt cttttgggggt ggtcacaaag ggaggctatc tcatgcaagc 420
cgttcaactt tggngggcgg agctcttttg atgatatcgt gcctttccat aacaagctgg 480
ccaaaaatcg tcgcaaaaga agacaatcga accgactctt ncgtttcttt ggaatgacgg 540
tgtccaaaca gtggtttcca g
561

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<210> 1674
<211> 707
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

```

```

<400> 1674
caacaataat gctgctaaca acggcggaaa caacgccttt gagcgtcgcg atgaagattt 60
tggctgtaga aggactatta ctctqccgc ggaggacccc catggaatca ggaaccgacg 120
tcbaagcaat tcgagcgaaac accgagcttc ctactccgac gctttctgac gaccttcgat 180
ggtggactcg taccgcctc cactccgcc tccatcttac aaccggctc ctccagcccc 240
gggtcaactt gcttttgggc agtcatntgg tccaaatatc tcggcacctc gacaatatgc 300
tcaccagcct ggtctgcaaa taacaccgct ctccgncaac ggntcgtacc ctccaccggt 360
cagtcgcat acaccaagac cgatgcgccc tatggataca ccagccgtca tctccacca 420
tnatgttctt tggccgcccc gtcgtgcaac nggacttgt atgacgtag acctccacc 480
agcaactaag ttctctcttn tccgnacgnc tactccgctg aaggccacta ccgngagac 540
tcgcaggcat tatacccccc tacgcctgnt ggtactcttc ccgtatgaac acngagtcgt 600
ctcgcggate catcaanatt tntggtntag tcgaacccat gcccgtcatt gagctcagg 660
nggaacctct cctgaacttc cccccgtaac gttgngngna agcgcaa
707

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<210> 1675
 <211> 1112
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1112)
 <223> n = A,T,C or G

<400> 1675
 caacaaactc aattgccttt ctcgattttc aactqtttgc ttatatccat aggcgtctta 60
 gcaagcacac tcgattcacc cacaagcaac ccgactaact accaagtacc tcaacgcaca 120
 cacaaccacc accatgttct ctgttactcg tgccctccga caggctgctg tccacgtga 180
 gcgaacccct ctcatcaagt tctcggccc ccgaaccatt ccttccaacc tcgaccacac 240
 ccccaagcct caccgcgct ntgggtgtnga aaagctcccc gagtcctggg ccggctacgg 300
 aaacggngac gccgcgntt cccacaagaa ctttagctcc taccgcgacc acgtccagca 360
 acacggctct cttanaaagt ctggcttngg cggnaaccaag cgctgcctcc ntgggttctg 420
 tcaaccctcc aagggtgntg cctttgacct ctctgagctt cctgcccgtt tccaccgcgc 480
 tccccctaac gctgccgana tcgaggctgt cgagctctggc ggcgctgctc tcttcggtta 540
 aatatgtctc ccgccatagg cgaggagtca taggtggagc ggagggatga acgaatacct 600
 acaacgatgc gggctatgac gaaaaccagg aagaccccc tgagcatgc atactacgcg 660
 gcatagtata cgaggaccg agtggtcatg cacagtgaca gcctattcac ggtgcatttc 720
 gggatgggca ggtaaacctg tctcatcgac atacaatgca gataaggaca gagtttccga 780
 ctgcaacgca tctcgtcagg ataccactta gggcactacg atactatgtt gtcaagagcg 840
 tcatatgaaa cgagagggtt gtctaagcac caaaaagagg aggagaattg gggaaaaagc 900
 aaataagtcg ggtttccaga aaataccccc cgactgcgga naacattgaa acctccgtgc 960
 tttgcccatc tgcctggcgtc aacgccattt cttctgagta gntggatact acctgcaaag 1020
 ctttaacagc gancaaggag cncgcggng ttnaacanan ganttncttt tngnggaaat 1080
 nttgatncca aaaaaaaaaa ttttttctct tn 1112

<210> 1675
 <211> 620
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 1675
 ctctgggagc atgaacactg gatenaccca ggaagataaa ttgcgacttg ccaaaatagg 60
 cgagcttgct aatatcaata tcgaacgact tttanaatac anccccaaan aatctggtg 120
 ggatgtacta accgaaaaac tcatcgacac cttaacttcc tcaaacacaa actcatccgt 180
 ccnaacaagg gcagctgata tcttgncaa actggtatcg gaagctgcca atgtaacttc 240
 ttcgtacca gaggaggctc gggcnacaa acaactgcgg ttctttgagg ctcttcgcat 300
 gtcactagaa cctctgctta aggganaccg tgagggtgtc cttgcaagcc actccacgga 360
 tttgatatt cacaataatta tcttgcggg cttcaaagta tcatcgagag caacgganaa 420
 acctagtea agggatggga cattgccttt gaaatcattg ggaactctt tgttacaata 480
 naactccacc acgantatcg ccgcggctta gtggccaacc caattctctg gacactcgat 540
 cagcaaaact catcanggcg tcttcaactc tctccactta ttgntcaaac tttctggnct 600
 ccttaacca atcgtgnttt

<210> 1677
 <211> 954
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(954)
 <223> n = A,T,C or G

```
<400> 1677
agtactcatg tctctgctgt ttgcgcgcac caggcgctct ctgtcgcgac aaccccttcg      60
tgataccaat atcgcccttc ataagtgtaa tcattttccc agaaccctaa tctgcctctc      120
atgtattttc gaacaagaat tcctcgtcag caaataaaac ctccaccttc aattcccaag      180
aaccaagttc cctccgtact ccttggtgtc gcccggttaa tgagggtctc ctgcttcacc      240
gcgtccacac gtctttcttcg tttgcatcgg cccatgtctt tccagggtga aatttagacc      300
cttatcatga cggcgctatc cccgaggaag ctgcgcagag aggcaccagg acgggctggc      360
atacaggata ggggcaatlc gagagacgtt tgaagaaaca ggtatcttac tagcaagaaa      420
ggacaacgag ctcataaalc tggatgtcaa ggacagagac gctgcgagga agatgatcca      480
tggaacacaa gtcaagtttc tggaatggct caagtcagtg ggagctgagc cagatcttga      540
tggectcatt ccgttcacac gttgggtcac accagcaacc aacaacaagc gcttcacgac      600
ccagatgtat ctgtacatgc ttccacagtc accgcagcat atgcatcttg agatgctcat      660
cccaacaccc gacaatgggg tcgaacacac ggccgcgctc ttgcaccag cgcattcttc      720
cctctcccggt gctccacca acagtataat tctcttccca ccacagtact tcttcctaac      780
actggttgcc aagatcataa agagtccttc aggaggaaca ggaccacatc aaatttcaaa      840
acagcgggag cagctactgt cctttttgaa gcaagtggcc acagcanaga cagaganngg      900
caagcaacac aaaacatcta tgattccctg gggccgacaa aatcatganc ccgc      954
```

<210> 1678
 <211> 341
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(341)
 <223> n = A,T,C or G

```
<400> 1678
tgcccataat acatggctct ggttggttgt agctaanaat gggtcgtgac ttttcccaaa      60
gatggcgccg taaaaacca accgaatttt gtcaaagaaa ttgttggtt ttcatctatt      120
ttacagcgca ctgcgtggta gtcacaagaa aaccganggc cttggcgccg tgcttgacgt      180
ggctctcgcc aaaggtnag atgaagaagt nagantgatc gtaaccgtcc tggatcgga      240
nggtcatgcc gtcaatgcc gcatccttca cagccttctc gagattctcg ggganaactg      300
gttctgcttg taaaagttgt caccagtgcc cacatcgatg a      341
```

<210> 1679
 <211> 995
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(995)
 <223> n = A,T,C or G

```
<400> 1679
nggaggacca gcatgaggac atcagtaalc tcanggctga ggatgtcgtt actcccgctt      60
cagctggcgc tcttatgcc gatgccttga ttgttgatcc cccgacgtnt tctcccttan      120
canatactcc tgctccagag gcagagccaa ccanggttgt tcttcaggaa gcttcccaaa      180
aggagacggt ttctcaagag acctctggag ctgctgtgca agacaacgnc tctcaagaca      240
cgcttccaaa agagatcaca acccagpaca ctactactga agaagccgga tccaatgaac      300
ccgcatecaa agaaatcagt ccccaaagcg acgccaccaa ggagagcgat cagaaaaaac      360
ctgctatcca agaggatgct cctcaagaag cagctgctgt gctcaattcc gcagcggtta      420
gtgacccgcg gcagttgcc cgggaggcag tggttgagaa ggctaccaat ctttcgaccc      480
ctgcagttga aacttgcgaa acctctcgac gactttgagg atgtcccaaga ccnqacgaa      540
```


cagtgtaacg	cacctcttgc	gcgtcacatt	ttaagtttgt	gcactcctcg	gctatcgtgc	120
accaggtatc	tagtgaggat	atnttttcgg	catgttgaac	catggcgttt	tgacacactcc	180
ggcaggatcc	ttcaccatgg	agacgctgac	gggtgcctatc	aaagtgtctg	ggacgagaca	240
gtnttttagt	gacgtgtgca	agacggagcg	atgatggata	cgaactcttg	ctcaccaccc	300
cgcaacagtc	gcactcgacc	tcggggtttt	tcnnttt			337

<210> 1683
 <211> 476
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(476)
 <223> n = A,T,C or G

gtntttctctt	tctcttattt	tctccgcaaa	ctgtcagtc	taacagcaag	caaaagttga	60
ctgtctctac	tctttgatca	tcgtgtttct	ttgtgactta	cacgtgaact	tgttacgtca	120
gtgatcacga	cttttacttt	acctcacttt	actcttcgtt	gcctcgcact	tcattagctg	180
tcctcatggg	tatcatggct	cttgggtccac	aagacttcct	cgactatgtc	aactacgaca	240
agcagagttt	gtacatctca	gctgcctcca	tcgcctttaa	tcgcctcttc	tggaatatcg	300
cgccgtcaag	aataccacaa	caagcttctg	caaagctctt	tggtggaaac	tncaaagctg	360
cttgctatgc	cttgncatca	ctatcttttc	tctgggnatn	ggtcgcgact	tgattacaag	420
aatgccatct	ntgacaagct	acgcattccg	ttttggcaac	gactacatac	cggctg	476

<210> 1684
 <211> 200
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(200)
 <223> n = A,T,C or G

gaaggagagc	tcgagcttgt	ccccgagctg	tacacgcaat	gcccgtatcc	tcagaacatc	60
accttttagc	acctggccta	tttctgggtg	gcacccacgc	tcattctacca	gcctgtgtat	120
cctcgtaccg	acaaaatnaa	gatgggggtt	tgtggccaaa	gcgtgtttga	gagactttgg	180
ctcaagggat	ttcaattggg					200

<210> 1685
 <211> 2396
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(2396)
 <223> n = A,T,C or G

gagccctcca	agcacttttt	acttgcttca	tttcagtgtc	atcacttctt	gactgctgaa	60
gatttttttg	aanattttgt	cgcaatggct	atgatataga	ttttgacgct	cccacgagct	120
ttttacgcgt	tacacactgg	gcaccccttac	tggaactctt	ctactgtttc	tcgacactcg	180
atctaccacc	ataaccataa	ccataatcca	ttctttttct	ccgaccgtga	cctcgacatg	240
gaagatccag	acgtagcctg	gcctgcctgg	aaattcggca	tgaagaggga	tgacctctat	300
accaacctcc	accaacaata	caacaccttt	accttcaatc	tccaagaccc	cgaagccttt	360
catcatgacg	ttaacgaaat	ttcccacgat	gongataccg	tcgangaatt	ccaccgcttg	420

atggctgagc	gaaagcaaca	acggctctac	gaattacacg	actccctgga	atctctcgcc	480
gttgagatca	tcgcnaacc	ccaagttgat	ggactcggag	cactggcagc	atgctcttca	540
acttttccgc	accaaatect	ttgactcgat	tgtccgttat	tttgcaagct	accttctctg	600
caactacatc	gategtcag	atcgcgaaacg	cgatcacgac	accattttcta	ttgtctctc	660
ctcttattct	gaggctaaca	gcgtcaagac	tgaaagcact	acggccagca	gcgtcgacgg	720
tgtttcgagt	ttctacgacg	atgagcctgt	catgaagaag	aagtcccccc	tgtctatcca	780
cacagacatg	cggtcattct	ctatcgtgca	ggcgccctct	tcgcccgc	actccgaggt	840
tgcgcactca	gatgagtctt	cggtctcgtc	tcctatggag	tcgcaccgat	actcctctaa	900
cccccttct	cgctccatgt	cgttttctgg	gtccgtgtcg	gggccttttc	ttcctgactt	960
gcctcgatta	ctcggtcacg	acgacgatga	gaacctcaca	agtccgatga	taatgacgan	1020
ggccgtcatt	tcggattcgg	attgtgcaaa	gagccagtcg	tcacttggac	accatggatg	1080
aaagggagca	gcttcaaaaa	gtatgacgaa	gatctagaag	atgaggatga	atttctact	1140
gntcaatttc	ctgaagatgc	tagecagcgt	tattcagatc	tttcacaacc	aattcgactc	1200
accacttaca	gcaacaataa	caacaacctt	cttaccatct	ctaggagcca	gcaccatatt	1260
tagtgcttgc	ttacttaact	acatccattg	acttttcaat	cgcgcacaat	tcttcttcag	1320
ttcaaacctt	cttccaaacc	accaacaata	cgcgcagaat	gagtgctcag	aagacctcag	1380
ccatcgctga	tcaggagcct	gttgacgttc	tcttcgctat	ccacgaaaag	ttcgatcttc	1440
tggacttcgc	cggcgcgctc	gaggtcttta	cttctgcttg	tcacaacttc	caggatcctg	1500
agaacagcaa	ggcctttgaa	gtcacccgtg	tcggccccga	agccaaggct	atctcggacc	1560
aggggtgctg	cgttgggtgc	cagatcacct	acaaggaggc	acacgaccgt	ctcgaggact	1620
ttgatatact	cgtcgtcgtc	ggtggtaact	ccaaggaggt	cgtcgctaaa	gagcttcaac	1680
ccctctctct	aatcacccgac	ttctcagagc	ttcagaagcg	tgatcccgtc	cgcgagcgca	1740
cgattntttc	catctgcacc	ggtgccctct	tccttggcaa	gcagggcctc	ctctctggct	1800
tgtctgccac	cacccacccc	gattacctta	cttctgttga	gaacatttgc	agcgatgctg	1860
ctaccgtaaa	cctccaggag	cgtaccgatg	tggtagaaga	cgtcgcctat	gttgtcaaca	1920
acctacgatt	cgatctcggc	gaagacgaga	gccatacat	cgcgcgcaag	tctgatgctg	1980
gtcagggacg	tcgcctctcg	gcagcccgaa	agggaaagcat	gtcattcaag	gactccaaca	2040
cacgcgggga	gtcaattgtt	cgtcgtgcgc	ctatgcgact	cggnggtctt	cgtgtgggtga	2100
catctggagg	tgtaactctt	ggaattgatg	ctgcctnta	tcttgnccgc	cccttgattg	2160
atgatgctac	ttcgtttggag	ggggccaggc	gccttcagtg	gacctggaac	aanggcgttg	2220
tcgtcgatgg	tctccacgct	taaaatccct	ggcagtaagt	gcctgtgacc	aattaaaaat	2280
ttatgatggg	ctcaggcata	cccccgattg	anaccaattt	ccatgtattt	atgtatttga	2340
cagctgagcg	tgaggaaccc	taanaaaata	ccaaaaagac	taggagctnt	ntattt	2396

<210> 1686

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 1686

gctaccgtga	tcgtagtcgg	cgtcgcgact	attacgacga	cgtgctcgc	tatcgatccc	60
cacctcgtcg	cctatggag	gattatcctc	ccctcctcc	tcgcggtcga	tacgataatc	120
cataccgacg	cgattaccct	cctccccgc	ctgatcctta	tgccaatggg	cgacccccat	180
acgacccgac	tcctcgadat	tttctctccc	nagagggtgg	ataccaccca	gagggtggct	240
atcccgagaga	ctatnalogt	ggtggacgtt	tctgatcttt	cccaacnnaa	tatgcacall	300
ggcgtgtaac	agtcacnacc	tgtttatggg	tntgaaaggg	caagattcaa	tggaagccat	360
gattggcaga	caagtgcgac	aatgtntgac	aaccgactgg	tgacattccc	cncccaaagg	420
ataagcanat	tggattggcg	tcgggtgcaa	gggcttgacg	gatatacttc	ttggacaaat	480
gggaaaaate	cncnactacc	gacttgagtt	tgtacggtta	tttgagatat	attgtacnac	540
taaggccatgg	aatatcccca	atgaatgctt	gcttgcttct	cttcttct		588

<210> 1687

<211> 535

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(535)
 <223> n = A,T,C or G

<400> 1687
 caaataaaaac atcttgacca tcatacagact ccgagtgaag ctacatacaa gcttcacetc 60
 ttactccaaa agccaccacg ttaccocctc gcctttctct ccaggcctct agaagccttc 120
 ccgcattccg tcttttgaca atcttcagaa tggcttcctt tgcttctcaa acctacactc 180
 ccaccgagga gaccgagatc caacagtggc tcaccacctc tgagcgtctc aagtcccccg 240
 aggacaagtc caccatcctc gagaccctca acaaccacct ctccagccgt tctactctcc 300
 tcggcagcaa gccctccaag gctgacgttg ccactacga gaccctcgct cccattgttg 360
 ctccagtggc ccccggaagc cgcaccggcg agaagggccca cctcatatc gtccgccatg 420
 tgcactttgt tcagaactct cctctctcgg actcgacgtc aaggacgaaa acaagggtca 480
 aggtcaacaa gangangtct ctacntaaac cncocgtcaa cccaaggcca aaaag 535

<210> 1688
 <211> 627
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 1688
 cttttactct cttgcttctt tctctgagg ccgccaccaa tctgcaactt atttacaggc 60
 ctttgggatt ttgcacgccc tgatccagga attgcacacc cttgtatcta tcggccctca 120
 taataccctt ttccgcccgc tccgttctgt ccgggcttct ttccctccaa ttctgcccgc 180
 cttttctatc gcatcacatt acaacgaaac gaaacgaaac gcggcataca ctttctaccg 240
 cctgcatttc aaatcgatac ttgtcttttg ctgctatctc tgaacaaatc gagttctttt 300
 gagtcgattt accgcttgag gaacacataa tcagtccgag tcgcgcgtta ctgcttccct 360
 gtcgttctac gccacctnca ccgcattggc tcgccgacag taaagctgat caatctcggt 420
 cacatatccc atctnccgac tgcttcagga cactctagc catcaagtcg actgtctttt 480
 gacctcatac ccaccttaca tetaagccat gtcattatcc caccctcgct gaaggactcc 540
 ggtgacttcg cccggactgn gacaccgaga atgccttgnc tcttaagaac agnttntacc 600
 cttcgtaagg gtgcaacctt tcaactct 627

<210> 1689
 <211> 615
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 1689
 cttgtcatac gccgttaatt cgtaaaccga accgtttcgt caaacaaaaa ccgtttctac 60
 gatgagatca aaaatttctg caagagcagg aattctccca ctgaataaca cagctcgaac 120
 atccacatcc atcctgttcc ctgcaacgcc tgtctcgagg aatgcacgtt cgacgcctga 180
 aagttcccggt ttctccatgt ctttccactt acgtctcgtt tcttcgncgc cagcttqacg 240
 gaccttttcc gtatcctctg actcccaaag gttacacctc tcgcattcct tacattgcct 300
 agcgtcacct tcggggcgga agtggtcgca gaagtggcga tatccctcgt cactgaggtc 360
 ggcacggcaa acgtagcaca tcttgtagcc gcacgggcac cgtgagtttg ttgcacctgc 420
 gttcttgacg aacgaagtat tgcaacnggg gcagacgccc cttgatggcc atgctcatgg 480
 cgtgctcgac ctgtgtaacg agagctacga gcgatgatcc gtacacacat qtatattent 540

tcattgacttg ngacatggaa agacacgatg agcgacacac ttngggactn tggtgtgaa	600
ttttgggccc gggnn	615

<210> 1690
 <211> 449
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 1690	
qtggaaactg ccgaagatgt aaacaagtgg acaaagcacg gatgggggtg ggatactcct	60
ccctatgtta gctccatgtg ggllaacaag atgggcttgg gacgtgccac tggatgaac	120
gttagggaaa gagacagctt ttccagagtc cagagtggtg atcgtgggtg tgacgggtgt	180
ggtttttgta atgaccgacg tggtagtgcc cgaccttcac gaagcagcga tccctttgac	240
aacatggcgg ccaacgttcg ccgtgacnac tttggccgtg gcggcaaccg aaccggcggc	300
tttggtgggtg gcggtttctg cggtttcggc ggccgtaatg acaacggctc ccgcgccgt	360
ggcgggtttt cttcccgcaa tggcagccgt aatggcagcc gttcctcgtt ctaagttatg	420
anancggatt agtgaaaagg ttaaaatgt	449

<210> 1691
 <211> 107
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(107)
 <223> n = A,T,C or G

<400> 1691	
nncatcgaga cnatcttctt catcacaagt gangcatcgg nnaagtgcct aacnggaaaa	60
gncactacc gtcaatggtc gaanacantc tttttgccat gacatac	107

<210> 1692
 <211> 738
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(738)
 <223> n = A,T,C or G

<400> 1692	
gagtggtgc ataccatgta tqtqccgcct cctaacctcc cagagagtgg caccgattcc	60
ccataaagtg gtctaggcgc atctcccaac cttgcacnnt ctccctccaa gggaaagtgc	120
gttgctgcct tggcgctcga ggctagcatt gcggtactt ctgatacaca atcggtgaga	180
cttggcaact cattggggcg tggaaacct cctcaacacg ctcaaatagc tgcctcgtgt	240
ctcaactcgt ccattcattga gagtgtgtct gctgtttttg aagatggcgt tctcaagtgc	300
gcttctatta ctggtgaagt tgcattcgtc aacaatccaa gtgactccgg tgatgctaag	360
agctatgaaa ctatccgtat taacaacttt tgggcccctg agcgntttgg tcttaacagg	420
atctttgtgc aaaactcctc ccgcgacaac catgatcagt ccaatcttga tgtatctcar	480
ctcaccaaga atgccaccgc attttcttat cgagtattct ccaaagantc cgacgtttca	540
acattggcgc aacatgttcc tctgtcctta aagcccgcgt ggaagcctca gggagacaag	600
cttggtttgc ttctgcaata ccagcttaac ccggccgcga agattaccgc tccgtatcac	660
tgcacaacgt ggctcattgtc gcaaaatacg aaggtaaatc aagtggcgcc agacaaagcc	720

<210> 1693
 <211> 608
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 1693
 aagcgaaatt accttaactt nttagacat cgcacctaaa ctgcgacgaa ccaccgtttt 60
 cccatctcac caagaacctt gccacgatac ctacagcttg cgccttcaac tttatagggc 120
 agtgaatgga tactctatct tgttgccacac gagcacacct tccctcgccc taacttcgat 180
 cctcgaaaact ttcttactcc accgccaaact cctngaaaagc tttgtatgtc tccgcgggag 240
 caatctacac cttcgtcccg ccagcctgtc ttanacaaga cgctgtctag caaacctgat 300
 gttgatgtga cgtctactca gccacctacg atagggaatt ctgataacct ggacaactac 360
 gaccatggct cgaaatcaga acccgatact caagagggaag agttgatcga cttgagcgac 420
 cagccgacca accagtcgca ggacgacaac nctgacgccg ccgctcaaga aggaccttca 480
 naaacgggta agggaaaaca agcagntgat gaccagtcaa cttcgagcgg ngccttaaac 540
 acccgcatnt tgggtggatn caaaaacaag cctattgnat taccctcgtn aaacgatccc 600
 cgacttan 608

<210> 1694
 <211> 367
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 1694
 ttaccttaat tgacctccna ccttcattgg tattgggtatc ctttccccag agacaggaca 60
 agacaatnat gacctggaca aagtnttcta cccccaccag cagnggcaac acctgcgcga 120
 ccggtntgto ggccacaact gcgacgcgcc tacaggcttn cgcaagacct ggaaaagcga 180
 gatccctcnc ttgtcgacaa tgtcgcgcat gtaaaatccg ctgcgacggc gcccgccccg 240
 ttgtcgatct ttgttctana cnaggctctt gtgcggaaca gtgtntttat ccagagattg 300
 agcacgaagg gtcctcncct ngtcgcgcaa atatctcgcg ctctccaaaa acgtgtacaa 360
 aagcttg 367

<210> 1695
 <211> 870
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(870)
 <223> n = A,T,C or G

<400> 1695
 caaacgcaaa ttgaaaagag ataacaacat tcgatatcat cttgtcttct atcaccacaa 60
 cttctgatta cttctcatct accttgtaca ctttcccttc agatatttca agatgatgca 120
 cccactcttc ggcggtgcaac cagcaggctc tctgccccgc acatatactc acgacgtgac 180
 gctagacgat tacacacaac aaatggcatg ccttcagact tcaagggaga tactcgcgaa 240
 gctccaaacgg gacagcgtcc tggaggaaat gctatgagag tcgccaaacc ttcgagtgc 300

aataacagcc	ctcgatcgtc	tagtcttatg	gctcgacgca	agactctcat	gaatgacggc	360
aactctcaac	gacgacagca	acaaatcatg	gagcaacttt	cttcattctg	cgatattgaa	420
tcacaacagc	cctaccaacg	accctcgcg	cccgtgaagc	tggcaccgga	gctcttatgg	480
tcaaacttca	acacaacagc	agatgcctac	cttggtccca	agttactcgc	ctgttggtca	540
acaagatcta	tatggaaact	attctcacta	ctcacctatg	atgaattcaa	cttcttggtg	600
gacatccccc	ctcgcttct	cccactctcc	actgccatag	cagtctgccg	ataacatggc	660
atacaacccc	taccaaggaa	cctgcatgtc	gcagcattca	ccggctgcgt	ctttggcgac	720
ggacgcttgg	tcaatgccng	ctactctctg	tcctgtcgaa	actgnataca	gccatgggtg	780
ggattgggac	aactttatca	tgcattgggt	cnggtnaaca	acggccccc	caccagaaac	840
actttcccca	aagccaattt	tnttaaactg				870

<210> 1696

<211> 574

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 1696

ctatcctcaa	gccctcatct	caaacaacnag	gtcctcctgc	cnaggaagat	aatatgcctc	60
ccacaagaac	aaacactcgc	cgacacattc	gaagcagccc	ttcaacaggg	agtgcgtaa	120
caactgtaat	tgaagcagaa	gaggaggacg	cagatggggt	ttcgaggaag	ctcaaaaaca	180
tgcacctcac	cgcaccttcc	ccagtggaa	aagagccaga	ggtcgccgag	gtccctgtta	240
ttgttgaaca	atcagttatg	cgcgagaccg	agtccaaaag	ccatgaccct	cattctgaag	300
aagccgaaga	ggacgaaatc	gaggacgaag	gcgacgaaga	tgctgaccaa	acaattgtcg	360
gggatgcctc	cgaaacagat	cctaccgacg	atgaagacac	tcaaaaataat	gaatccgagc	420
caacacctga	ccngtttgag	cccaaggaaa	ccaaagaaaa	aagcgaccnn	caggaagaat	480
cgcccgaaga	aatctccacn	gattccccng	aatcttactg	aagaattcga	ccgcaaatat	540
cggctgange	cccgcccgat	accgaagaac	aaac			574

<210> 1697

<211> 588

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 1697

gctttctttg	ttttacactc	tcttcaacca	cattcttctt	ctgttcactc	cttgacaaga	60
actcttctaa	atacaacgaa	caaactcccc	ccattggtgc	taaaataccc	tcaacgtcat	120
gaggtagtct	ctcatacggc	gactttggct	gatagtgtca	aagtttctac	tccaaaatct	180
aaccacgata	gcacattcaa	tcattccatca	agatgacggt	ttgcaaattc	tttcaacagg	240
gaaactgcaa	gtttgacaat	aattatccta	acgagcacat	caacccaaac	gatcaaaaac	300
gcttttgagc	tctaggagga	ggcaacaacc	agagcccagc	tgaaaaatac	aataatcaacg	360
cagataccat	cgaaaaagat	ttgacgaccc	aagtaccgca	atggatcctt	tcagccctatg	420
ggccanggag	agacgctcct	gggcagctct	ttggcggggt	cccacgcnaa	acagaattttt	480
gaaganttgc	ggctgcactt	tatgatgggc	aaggnttcag	gaaacgaaca	gcaagttttg	540
aacgaaagcg	caagaactgt	nccgaacgcc	cagcaacnaa	tgcaaaacc		588

<210> 1698

<211> 703

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 1698
 gccaaatgat ggtaaatata catttcgtcc aaccancttt tgaaantaac ctgttctnttg 60
 aagaaatgac cgacgggtttc ttgacggaag cggggggcat tcttgaagaa cttaccccccc 120
 caccttccag ggataagcaa aagctcccat aagaacgctt gaagtgtcca accagcttgt 180
 gagaagccca gtaggnatctt ggctgaaagc cttagaaact gtggaaaagg tgtggggcggg 240
 ttgttaagta cctaggcaat tgatgtccag tgagagccaa ggggtccgctt gcaaccgaga 300
 agagtagggt attcaggagc tgggtggaaag ctctttgtcc cgtctgaagc ttgnggtatt 360
 gcgctgtttc ggaccccgat ttgtttttaa aactttcttt tcttccctt ttcacttgca 420
 ttattcaate ttcaactgct ttatttctct acctaaatc cccgaaataa aaaccacaaaa 480
 ccgtcgaaat ggcaccccgct ccccgtttca actttattga acccttaatc tttttccaga 540
 ataccattgg naatttcttc cagaacttta anggtggnet tcaaaacggg agcttccaac 600
 ctttgggggtc ccttccnaaa aaggggggng aatgnetggt nocttccntt ccaagtcnaa 660
 nttatttgnn ttatccccct anaaaaaaa cgggaaccag ttt 703

<210> 1699
 <211> 579
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 1699
 ggatggatct tttacgacaa caagtggcaa caccggccaaa gaggttcaga tggttgggggt 60
 cgttggaaca gacgaanaaa gtgggtaccgc gatgcccagc ttgtcgaagt tgatcagaac 120
 gcagactcca aggaagcttc gaaagacaag gaatccccag cagtaacgaa actacgatct 180
 caaccatacg ccagtaacga agcaatgggt tcgacacgaa ccgccaaggt tcaagccaga 240
 agacaccagt tacgaatgac gccagctcca aagttaccag acaatccctg ttngtacact 300
 cgacatccct ccaaattctt cnttcggctc cctttctgcy aaaaacaacc cctgacgaac 360
 ctggaaccna atnttaagaa ccccccgaca aacnttttaa ccgttggaac acattcnntt 420
 caccaacaaa aacccccacc tttngttgcy gaaccgggn ttgnaattc naacagggtg 480
 gcngaagaa aatgggggtt ttggcaaaaa agcaaaaaat tnttaattac aagggttttt 540
 tttcgnaaan ccccttcca aaattaggggt ttnatggaa 579

<210> 1700
 <211> 580
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(580)
 <223> n = A,T,C or G

<400> 1700
 gctgctacac cttgtcagcg attgcagagg gacggacctc cgcacgcat cgcaggtgcg 60
 ctgctgcga gcaagggcac ggaagcaggt gaatagatag cctgcctaca gaacttccaa 120
 cagtaaccg aatcatggga gatcatcact caagccttg taaaaaaccc tctgcagtc 180
 ttgcgatag tgagaatctt tctagcgtca acatcaaccg caacaatatg ggtgtgcga 240
 tttgtcgtgc aagaaaggtc aaatgcgatg gccgaccaa cggctgtcgc aattgcgaac 300
 gtcttcaact cgagtgtgct gatgacgacg ctcaaaatcg gggcagtcng cgtggctcag 360
 ttctgtttc tctgaaaaaa atccggactt accggtcttg tacaactgtc gtgtttcaaa 420
 gaacaaatgc gacggcgaaac ggcggaaatg ttgcgatgc tgcgcccqtn atctggantg 480

ccantacaac ggaagctcgg ctctctcgctg ggcgcgcgaac cttancnagg caccaaccgt	540
gggtccaaa tgaagaaaaa ttaaaatctt ctttggatgc	580

<210> 1701
 <211> 487
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 1701	
caatagccaa ggcgtggtca attgaagcac cgtcattata gcagtgaacc tcctctgtct	60
gaggggtttgg cgaggggtggc tttgggttcg gcttttggga angtctgggc ggcgcgggca	120
tgggttttgac ncttgtgggtg gtggctggat ttccgccagg tgggagaggg agaccgaact	180
cgagcgcaca ctgtcgtctcg ttctcttgat cctctctgtt ttccgggcacg ccgggtgttg	240
gtacattggt agatccggga tgggaagggt tngtggttct ggccntcttg gtgggttttg	300
attctgaaga tcgggaaagt ctctgccacc atctgggtta tcnanaaaac agggatgac	360
gcnaaagacc nacagggtt gccncaatcc atcttacacc tangaccgcg tttcctggac	420
nccaagttag aactgggaaa nataatggt naacattatc tccgatttnc tgatttttaa	480
gttcgta	487

<210> 1702
 <211> 608
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 1702	
caacgatgga cggcaaagac aaggacaaca aggacaacaa ggcccggaat ggggcgacga	60
tcgcgagcac agcttctctg acgacgacct ccctgtcatt cgcgaaaacc ttcgaaaggg	120
gttcttttgag acacaagaga aggtcaacgg atggatcaca aacctgaaga agaagattga	180
agagaatttc gatgaaagcg aggagcagac acaaagtcaa ggacagcctt tccgtcgtcc	240
tgagaggtct agccgccgga gcggtgatta tgatcgatat gacgcggacc ctcaagtgtc	300
cagcgatgac ttccgtggca tgaagttctc atctgatgga actcccatga accggcctat	360
ggctaacact ggcattgtaca agcctccgcc ccatcaactt caccgaagcc tacaaccggc	420
cgacgagttg gcttcaagga ggaaacagaa gagatcaaca tgtncgatca tnancacgag	480
tgccaccaag gttccgnct acanccgtcc agaggaacag tgnaacttgt ccgctgacca	540
gcccttgta gaacgccatn agttggagat gtgaaataaa gnggccnta gaaccaggtg	600
tagatntt	608

<210> 1703
 <211> 536
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(536)
 <223> n = A,T,C or G

<400> 1703	
ntgaagttcc tntggctctnt cgcctctctg gccgctgttg cttctgtctc gtccgctacc	50
gattcagacg ctgctgcctc ctcagcctcc gnggatgtg acgccqactt catcggttaag	120

cgatgtctcg	aaaccgagaa	cgcaaaggtt	gaggagtgtg	agcccaacga	ctgggattgt	180
ctctgccctg	cttacgaggc	cgtogetacc	tgcttcaaca	actgccccga	cnaccctcgt	240
gctggctccg	ccaagggcca	ggttcagatc	aactgccaga	accagtntct	ntatggaacc	300
tccacaagga	acacaaagac	cagctntgcc	acaagctact	gcctcggaag	catccgctac	360
cgagtctgat	gatactgaan	agaccggcac	tgcaactgag	tcggcttccg	ccgccgaaga	420
acaccaataa	acgcctntaa	aaaggccccg	aacaactggg	gggggttctc	ctccccgttg	480
ctngggggtg	ttgctgccc	ctgnaattc	caattttnaa	aaaggggggtt	ttaanc	536

<210> 1704

<211> 590

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 1704

catctttcgc	agaggttcta	ttctttctta	acttgtcoga	ttctgacgct	cacctttcta	60
tagctgattc	cggtgatact	tategacccc	gtgagaagtc	acgatctccc	ccgcagaacc	120
tcaagaaacc	cccgaagggg	tccaccgacg	cccgtctcta	ttccccccgc	agccgatcag	180
ggaagccggg	gacgactatc	gaagaaaccg	tgatcggtcg	cccatgacta	gcacaggcgc	240
accangtgga	agaacaagtg	ctggatacgg	tggacaggcc	ctcaccgata	ttacgaagaa	300
cgagccgttg	ctcgagaaca	aatgatgaac	aacattcgcg	aatcgtecca	acaggaccgc	360
cgagtctacg	tggtaacct	ctcgtaacgan	gtcaagtggc	accatctcaa	ggacttcatg	420
agacangctg	gagaagtgtc	ctttgccgac	gtgctcttgc	ttcccaacgg	aatgtcgaan	480
ggatgcggaa	ttgtggaata	tgcgacacng	gancaagccc	agccgctgtt	gnccccactga	540
accaccagaa	tctcatgggt	ctctaattcta	cttcgtnaag	aacgtgaagc		590

<210> 1705

<211> 489

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(489)

<223> n = A,T,C or G

<400> 1705

cttgatccca	actacaagcc	ctcacgacct	ctcgatctat	atTTTTgacc	tttatcgect	60
atcagagatt	agagcggctt	attgttttcc	gcatagtttg	ctttctactc	cttctcttct	120
tcttagacac	tctacaccag	cgtcatacaa	ctttcttacg	agctctatto	taccgtcata	180
gcattctgntt	ctcagggatc	gccgctgcaa	caaacacatc	gacaatacga	gtacctaggc	240
actagecga	ctttttctcc	catcatattc	gatctcgaac	ggncagtccc	gtcggcgccg	300
ggggactgcg	actgcgacaa	tgacaacaaa	cttggataac	agtagcaact	cttggctgaa	360
taagctgggtg	ccaagtcaat	atctttcaag	cgcttccgaa	gaaaacaaga	cgggaagcgg	420
cggggtttcg	cttgcgatct	aqnqttttgg	ccatcgcaat	caagcgcgaa	ctttgaaagn	480
gaagggaacc						536

<210> 1706

<211> 655

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

```

<400> 1706
agaaaagcga aggtcgtgat gacgaagttg aagaagccga ggaatgtgtt tcggagctta      60
ggatctcggg tgaagcaagc aacaaggccc cgaaccaagg agtagccgag gccgatgaga      120
aagaaggaga ggacgatcaa accgagggaa acggagctga tgaagggtgaa gccgatgaca      180
gagatgaacc cgctaaatca gagaagggga ccgccagcaa gccttcagag acaggctcgc      240
aaaacaacat gccaaactcc tctaagaagc acccccctaa gcgaggtcaa cgaagcaaag      300
ctaagaagat tgctgcaaag tataagcacc aagacgatga ggaccgagcc gctgccgaag      360
ccttgattgg agctaccatt ggacaaaaga aagctgagggc tgaggcaaag gctaaagcag      420
atcgcgaggc tgaactcgcg gcagctaaag agcgacgtcg tgcacagcac cagcggcaac      480
aaaaggaaac agctgaacac gangagatcc gacgcgtcat gatggaggaa ggtgttgaga      540
tacttgatga agacgaggnc agtcagatga cagtgcctga tgctattggg ggcacacctn      600
tttcccgggg acnagatcct tgagaatatn ccaagttgng cttccattgg aacgc      655

```

<210> 1707

<211> 627

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

```

<400> 1707
aaataatata aaagcaatac ctgatcagca gcccgcttct tcttccttca gcacaaccta      60
agaagtagca agacaacaag ctgtcagtea acttgcccgg cttctcccta ttgatcttct      120
atccttggtc caggtctcgc gttttcttca ctaaattccat catggcggat tttggggagt      180
atccgccaaa tatggcgccct caggatgcgc tcattgttcg ggagcaagct gaacccgatc      240
acgtgtgtgt gctttttaca gccgaagacc tgtcgcgtcc caaggccggc cccctgaatc      300
cgttcaagga cgagagcaat actttgaagc gcaagagcgt cccaaccgga catgcagagg      360
agaccttctt gagcgaacac acattccgaa gcaaaccgag tgctatcgag cgacaaggag      420
ggcaaggagg acccgagcga cagtatcaga caaacgcaga actgaaagcg gaagcggcga      480
gaatacgagc tggacgtgaa gataaggcag cgcaatcatt gcagaaggte cngcttctac      540
gtttggaccc tgggcgcgat acaaagaaaag cccgaggtnc caanatcggt ggcagaagga      600
tgaaggaact ggcgaagcga tgaaaaa      627

```

<210> 1708

<211> 116

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(116)

<223> n = A,T,C or G

```

<400> 1708
tcggcgntta cgtntctccc aagatcctc cagaggaggt cgcccgctct cactttgctc      60
actgkcagggc tgagctctcc acccttagca accgttcaag ctgagtcctn ggcctgg      116

```

<210> 1709

<211> 573

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(573)

<223> n = A,T,C or G

```

<400> 1709
ctcatgaacc aggtacctat agaggettcc cataccactg cccgacaatc cttgcgcggt 60
ttaaaatata gccatgcgtg ctcgatttaa aggccagca ggcaccggca ttcttgagct 120
accagacgat gctactgttg aagccctctt tgatgaaatt cggacaaaga ctggcatcaa 180
caaattcagt gtgagatacg gtctgccgat ggctatgaaa tccctcgaag ctactcaggg 240
tgaccagatt gctcgatgcc ttggtcttca tggcgaaacg ctactatttg tccccgagga 300
gtcatcatct gaccctgctg aggctgtcca aaatcgccct gttgcatcca tgccactgaa 360
aaagaatgaa ggcccgaag accgaacgtt ccatggccgc aganaaaagg cactcttctg 420
ttacgagtga tgcccagtga caatagttgt ttgttcaccg cgttcggggg cgcattgcaa 480
gaccaaatcc ctgccccaaa tttgagacag atgatggcag actatattct cgaacatcca 540
gaaaattttc ggaagctggt cttggcagcc etc 573

```

<210> 1710

<211> 856

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(856)

<223> n = A,T,C or G

```

<400> 1710
atttaatatc tacttatatc ttccccctg ctggaccctt tttctctctt cctactcaac 60
gacccagacc tctcttgtct ttgtcttcc ctaccttgga caaaacttga taccacacat 120
aaacctacta ctactacatc ccatactatc atcatcatgt ctatgggaat catcaccatt 180
gtacatgccg ttctggctgt ctttctcacc atcgagttag gcctcacagc ttacatgggt 240
gatttcaccg accactgggt gaccgactcg cctgcctcct tcgccttctt gctcttctgt 300
tcctctctgt ccactctcat gcttctctac ctggccttga cgcctctctt tgctcctcgc 360
atctaccaca acatgatcgc tctcggtatt ctgcctctta cctcgctctt ctggtttgcg 420
ggcgctaccg ctggtgctgc tcacatcggc gttcctaagt gccacggaga caccgcgtgc 480
caatccactc aggctggccg tcgcattcgg ttacttnatn tgggccatnt ttactggctt 540
gaccatcatg gaggtctctt ctttcatgcg aggacgtggc cacactgcac acgctgacac 600
taagccccgg tcacaactac ggtgcttaaa atcagataat tcacggaga cgtaatnaag 660
tgatgtcgac ctgaggagga aaanaaatgg cgnccgagtt ttgtttattg gttgactttc 720
cttttaattg tcatgtcatg tcngtcatg gaaacggccg caagataccc ttctgtcaga 780
agtgcctggt acaggtctac cttttttgta ttatacgttg tattaatggt atattgggtc 840
agacaaaaaa aaaaaa 856

```

<210> 1711

<211> 644

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

```

<400> 1711
aaacaaccaa cctcttcacc actatcacat aaaacttata aatctcgact ctttactcta 60
aacaacaate tacatcaacc atcaagatgc aattcctaag cctcgtcctt atggctactt 120
cagtcctggc cattccccgc aaactccctt ccaagycctc agcaccaaca tgtatggaaa 180
agggcacaaa ggtctcttca tggaaactca cagactttgt ctacacgtc caaaagagca 240
caaacacgcg cacagtcgag tttagacctc acaacgtcgc cctcgactac aaggccaact 300
gctacggcaa gtcagtctct aagaaggccc tctttgatgg caagaccgac tacacctgca 360
aggctccccaa cggagccgac tctgccacct tcaagtacaa ccataagaag gggtcatct 420
ccgttttcca gcactgggac tgcgtccagg aggggtggtg gttcgaggcc atcggaaca 480
agacttctgc tgagaccaag tcgaattgtc actctacaac caagtccqag acttgcaaca 540

```


aggcctcctt nctgggtccgt tctcgaaatg cgtgccgtct tgtaagaagc gacactaaga 600
ccgaatcgca tcttcttttc ttttggcgac aacatttttt gacn 644

<210> 1712
<211> 645
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

<400> 1712
cqaataatgg ccacggtaag agaaggagct cgcatacgca gctcaactggg acgaaggcaa 60
atccctctac qgggtgcccc catttgtgca cgaagatag cctcgactgg ggccgagaag 120
tctctctcgg atctggcaga tctcgacaat gcctcctctt ttggcgacag lactcccgat 180
caggcggtta tcgaggcttt caatgccaga gaaaaagcca aggggaacagc caataagctt 240
cctggtaaca gatatcagta ccatacctccc aagtattacc gtggacccct ccataccgtc 300
caggttccca agtcctccga cccgaactgcc cgagacttcg tccccggtcc cttcaacttc 360
cctcgattaa ggcatacata cgagaccaca gttgctccgg acttgatcac tatgacctac 420
cagcacattc caccgggcac agaactaccc gtttccaaca agggtaactt gagagaatgg 480
gacggctcct cccttatcat aagaacagac ctgcgcgtgg acctcgtgga ggaggntctt 540
tgagacttgg attggtcgaa cgccctatcg agtggnacaa tggtnccgaa atcgaggntt 600
ttaccatcaa ctnattcggt cttttaagct ccagaataag gggtc 645

<210> 1713
<211> 560
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 1713
tgctcccatc cagaacagtg tttacctggt cgccatggct ctcatcgccg gtgctcgcac 60
ctaccaccag gttcgcgcaa ccgtcaaggt tggcttcttg aaagtcatgc gtgtctcatg 120
gatcacttct cccatctgcc tggctttcgc ccagaaattc cttcctgacc agctctggat 180
tcccttcttc aacattgtgt tcttcacat tggcacttac atcaacacaa ttaccaagaa 240
aaaacgcctt gcagctctcc gtaagaanca cttcggcgac gaacgccgat ccaacnctgg 300
cganatgcgc ccangccgcc ccgacaanta cctcctcctg gtatgggcgg tgggcctaac 360
ctccttacta agtgacacaa tctcaactgt caatccgagc ccggtgaaac cnagaagana 420
gtttaaagan ganaatgggg gtggngaaga ntttaaaaaa aaaggaaatg tggaactgaa 480
aaaatagcca aatganngct tcttggtngc gaacggataa cacaaaaccn tgctcggatn 540
gggcggcgct ccttgacaat 560

<210> 1714
<211> 256
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 1714
ntngcgctcat gcattaatnt taggangatn tatcaaaggg atttatacan tcattggnta 60

atgatgtacn	caactatntn	cgatctattn	atatctaata	ntgactntcc	ctggtggtaa	120
cacgaacgat	attgtcgagg	cattgaattt	tgggaagatt	gtgggtgcgg	cgttggatgt	180
gaccgatcct	gaccgttgnc	taanaacaan	ttttttgggc	gtaaaaatgt	gattatagng	240
ccccaaatcc	ctttaa					256

<210> 1715
 <211> 240
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (240)
 <223> n = A,T,C or G

<400> 1715						
cacanaaaaa	nggcgataag	agggatacac	aggeanatnc	cagtaatggt	aagcagcctn	60
tgcacgtgct	tgtacgcgta	aatcatggca	gtgcgctcgt	cggacccgac	agggaagtcg	120
aggatggcgg	aaagaggctg	caagtaggtg	taaacggcga	gtgtcttntt	tccaaagctg	180
gaaaaagctg	gaaccaaagc	gacaggcaan	acctgggggc	caanatggcn	ccccacacag	240

<210> 1716
 <211> 459
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (459)
 <223> n = A,T,C or G

<400> 1716						
aacattttga	acaaattact	atttcttatt	caatatatac	aacccaacaa	tcattgtcttc	60
tcccaacaac	aagtcacctt	ctgctctcaa	tctcgatggc	accggcgacn	anaaacccccg	120
gctcactgaa	gaggaaaaga	agcaaaaacca	cattgcatca	naacaaaagc	gccggcaagc	180
aatccgtgaa	ggttttgatc	gtttgacaga	gcttgngccc	ggcttgggaag	gacaggggag	240
atccgagggg	ctngtgetca	agcgtacagt	ggactacatg	catgatcaga	ttgcagagcc	300
ccaaacgttg	atcgcacgaa	ttgaaccggg	ggtggccagg	tggacnacca	cacaagaggg	360
cgtttttcaa	cangtccacc	aaatcagaaa	anaaactagt	tagactntcc	tcgagggaca	420
ttatcttnt	ggcgcgggtc	tagatntccg	aggggcggc			459

<210> 1717
 <211> 576
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (576)
 <223> n = A,T,C or G

<400> 1717						
cggaaccaca	tgtgcttgg	gttggtgttc	atcaaaggaa	ccgaaccctt	caacgtctca	60
cattgactgt	caatagcgca	ccgtccatcc	tccttacagg	gaccctttcc	cctactctga	120
ccttcactca	cctgtccggg	tagctttgtc	gacataactc	naagccaaqc	cttgccccag	180
ccccaatcaa	aactgggggac	caoctcagca	accatttcca	tcggtcattt	gccccaaaggc	240
taagttcttc	atttctagac	ctttcgctcg	cacaacacaa	cgtacacaaa	cccacgatca	300
atctctccac	ctttccgagt	cgatcctgac	tattatcgca	acctttttgc	tcgcgatacc	360
actctctgat	aactcgatcc	cgcacgatt	ctctctctca	atctccctcg	gcttctctat	420
tcccgaatac	naacgttcgc	cgtaagctgt	caatargacg	ctcaaaqaag	aattccaaac	480

gcgaaacttc agcatctacg gacaatggct tgggaattatt tccatgatca tttgtctggc 540
 tgtcggaatc gccaacattt tctcgttcca tgttgt 576

<210> 1718
 <211> 574
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 1718
 cccgacctgc ctaccgaggc aatccaaaact cctgctcgag ttcaactatcc tcactttttcc 60
 aaatcagctg tccatagtgg gatcatagac tgggtgggat tctacggcga ctgcattctc 120
 tccagagcat gccacgacaa cgtcattttct ctatggagaa tagaaggall ttctgtccaca 180
 aaccgcctc ctgcagagag cgaagcaccg acagctcaga ctaccgttcc aactaattac 240
 gaggaagcga gtctgtctcac gcgttcgggt tttgttccca caatctcccc acaatgccca 300
 tctcagtaca ccatgtttgt tcagttctat acccccaact gtggcccgcga gttttttatg 360
 cgggtcaaatt gcactttgtc ctgaccaaca tcccgttttg gctttctgta tgcancggaa 420
 acgtgttttt ctgggacttt gaacgcttgg tggcatatcg cgagttttatt ggaagcactc 480
 aagacctggc agggataaga gcaaatgggt ctttaaccanc tggtgagacc antaaaggtc 540
 gtccaagtna actccaaagt cggcntggag gcgc 576

<210> 1719
 <211> 605
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 1719
 aaaaccccta accaaaaacag caaacccaag actgcgacag tcttcaagcc gtacaagata 60
 ccacaaaaag agtcgccagt gccattgcc gcaaatTTTT tggcggcaat gacatcgaca 120
 ccgaatactg tggctgctgc cgttggccaa ccggctctgc agcagtcctc gaacaagggt 180
 tcaccgcttg agcccaagcc tgtgcnaaaa gtgcaagcaa cgcaacagtc gccatngggg 240
 gcgtacactc caggcaaaaca gccgnttgggt gctaagatct ctgagacgcc tgtgccgatt 300
 ccacgactgc cgggttttcat gcctgtctcg acatntanag aagttgcttc gccacaaaag 360
 taagtgttga atcaagttca ctcaaatega cttttgcctt rgratcaggg caqtttaqtg 420
 acgcctgtac ccgcacaaga ncaggtggca tegtctgttc gggatggcaa agcttgnct 480
 taccacacag aaccttgaga atgencacca aacngtattg gcagacaagc catttctttc 540
 caaccacang atttcccgat gttcctggaa gcgaatctat gaaantcatg ggcagtcctc 600
 tggga 605

<210> 1720
 <211> 566
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(566)
 <223> n = A,T,C or G

<400> 1720
 cagcgcctg cttttttccaa ccttgggtct tcatctcac caccacagca tctcctgag 60

ggaagcagcc	tctttgttgg	tagccagcca	gccctcaacc	caaacatgat	ggcgggcaag	120
ccacctcaaa	gccgcgcgag	cactagcagc	acttcgtcaa	tggtcttetta	cggaagcgcc	180
atgccagtgc	ctaacacttc	tgcagaccta	ctcagcatca	accgcatgca	aacaacgtct	240
gctgcttatg	gagaccccac	ttacaccaca	tctgcttctc	ctgtcaacca	ccactttgcg	300
cctacatcag	ctgctcccta	tgacacactt	ggttatgcgc	cagctcctgt	gcgaccacca	360
ccttttggtc	tggctcctgc	tgatgacacg	cgagacgttt	ctcaacacat	ccaagatgaa	420
cggangactt	tgcgatgctc	tcgatgctag	ccacgcctct	ggtatgacca	gagaaccgga	480
ccatctangg	angcgaatga	tgatctcntt	gatctatgga	tccttctacc	acctacattc	540
tcattcttct	atggcattng	tctata				566

<210> 1721
 <211> 621
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 1721						
nantttctac	agngngnggg	gtgatggagt	cagtatctgg	tcgccaggtg	gaatattact	60
aggcaagatt	cttatcgagg	gcggcggttg	aaacttttgc	tcggcataa	acggcgaact	120
tttcatgctt	aatgaaagca	aaatgtggcg	agcacagctt	ggcagtggtg	tgaagggagc	180
tttactcaat	atttaagaac	agataaaccg	tgagataccg	aatgcaaaac	attcaccaag	240
cttgttcttg	caacaactcg	ttcccgaccc	aatcccgctc	atttagaatg	gtttcctggt	300
agtctctatc	catctgagag	ttactaaacc	aagcatcttc	gaaatagcca	ggagaagcac	360
tytcagagtt	ctcccataga	tagtcttcga	atctcgcggt	tttaacgcta	cccacagga	420
ccctgaaact	cagctgggct	agccaaagta	ctgaaattgg	tggttttaag	aattcgatcg	480
cctgcaagaa	gtatttttga	tcaaacatan	caatttcttg	caggtttcga	cccacaaaat	540
tggntgagag	attggtggtt	gntttaagag	aacnntgggg	attcttnata	caaagggtnc	600
antcttgtga	nttttttggc	c				621

<210> 1722
 <211> 886
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(886)
 <223> n = A,T,C or G

<400> 1722						
tccaatagtt	ccagtttctg	cgtctttgct	gttcgtgacg	gaatcttggt	tgctggcggc	60
gatatcagtg	gcaccattga	tgggaactgat	attcgtggcc	ttgtctccta	cgatcttgaa	120
tcaaaaatcgt	tcaactcgca	gcccgtctct	gtttcggggc	ccaatgggtac	cgtcgcagct	180
attgcccgtc	gtcccgggtga	ttctgggtgac	atctatgttg	gcggctcatt	cgatactgct	240
gggtgctttg	actgcccctga	tctttgcacc	tacaacgtga	actctgggtca	gtggaaccgc	300
ccaggaagtc	aactcgaggg	tactgtcttc	agcttggttg	ggatgagcaa	gaacaaactc	360
gttgctgggtg	gtgatctcgc	tggtaattggg	tgcagccagc	gttacctctc	aagctgggac	420
gc aaatgcgg	agtctttggt	ccaaactttcc	tggttctgaa	gaagttcccg	gccttatctc	480
agtcactctc	cctggatcca	gggattatga	apagctctgg	gtggctggtta	cttctagtgg	540
ggatgactct	gtctttgtca	tgaagtatga	tggcgagaag	tggcataccg	ttcagccctc	600
cttgctcatg	gacacacata	ttcgtgggtct	gcaggctgtt	ttcgttactc	aqqatcatgg	660
agaacttgag	ctgctggaca	agaaccaggt	cttgatgcta	acaggctcta	tgcacatccc	720
tgacttgcga	gtcgcacatg	cagctctctt	caacggcaca	gtatatcaac	cgtatgcaat	780
gacgataaag	gctgggtgat	gtccaagcac	tatcgccagt	atcttctctt	ananggacaa	840
gtttcttttaa	aagaagagaa	gcacatggct	ttnggcttcg	tgggtn		886

<210> 1723
 <211> 659
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

<400> 1723
 acaaccgaca ttcgttaatt cttttcttct acgggtcgctt ttaatctacc taattttaatt 60
 catcgcaatc aatcacacgt caaaatgtcc accaccgtca gctccgcttc ggcccccagc 120
 gccagcaccg cctgcgtctg tcagctcttc aaccagccca accaagacaa cacctgcgcc 180
 ctcccctaca aggatgaata cctcaccatg atggagaagt gctgtggcga cgcaaagatt 240
 gtagctact acgacaactg cggcatctac tgtgtcgccc tcgaccagac catcgggcga 300
 ctctccaagt gcctcttcag tgagggcgtt gccagcggcc gaagtcttct gcagcggtag 360
 caagaagacc acaaagacca aggacgccga tgtccccgtt accgccaggc gagcgttggt 420
 tctagcaagg acgatgatga caaggatggt gatgatgagg atagcttttc tgctggttnt 480
 tttggcacia gctaccggca ctgttttttc aacagtgaga cctnttccga gaatggtaac 540
 gctgcttctt ttttggcgcc caagagcggn atcaagactg gtgggtcttg ccatcggggc 600
 tctggtcttt tctncttcgn tgggtggggt ttcagtgnaa aatcggantt aagttgntt 659

<210> 1724
 <211> 546
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 1724
 ggtgcaaaag tgcgttactgc cagctacgac gacgttgaaa gcctnaaagt agccttttcaa 60
 ggcgctgaag ctgttttact gatctcgacg tggctctttg gggaaggctg ccgtcgccaa 120
 gctcagacgg tagtcgatgc tgccaaagcc tgccggtgta agagggtctg ctatacctca 180
 ttcattgggtg ccggtatcga agccgagaat gaagaggata ttccttttct tccctcgagt 240
 catcatttta tcgaaaagat catctacgct tctggtctgg agtggaatat ncagcgcaact 300
 atctctatgt agacaacatt ccgactttgt ttgcacagtc gtggaagttc tgtggtgac 360
 gctggttggt caacacacat ggccanctgg cgcttatgtc gcacganaag actgcggaaa 420
 tgtgctactt gcctactcct tagnaaganga aacctacnca gtttatgaga tagcggctcag 480
 aagcagtnac caacnaanaa ttgtcaaaty gatgtcgaaac agaccgntac ranggaaaaa 540
 ttgtta 546

<210> 1725
 <211> 495
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 1725
 gcgattctg gcggtccgc tgctaagaaa aagaagagcg catggttagg ttcaaggtta 60
 caccacatcg ccttgccagc gtgatgaagg accagagya acccattagt aatgggcgaa 120
 cgctactacc attaggcgcc tctagagatg ctctctctcc cctctcgaa ccaagatcag 180
 attcgattac agctaagcgy gcaagaaaac cctttccaac aggtgacgtg qtacgaange 240

ccttgccctgg	aggcctgcgt	catcaccgcc	ggaaagaaaag	atttcctttaa	gcacacattc	300
aaactcaaca	ccgaagccaa	gtctgcgagc	cctgcgacaa	gtacgccacc	ccctggaagc	360
accgccccct	caaagaacga	agatcaagat	tatcagaaaag	togaatccac	agccaccacc	420
ggctccctag	gaagaagcag	atnanatttc	atgccccaaa	acttcagtgc	gccccagccg	480
tcacatgaa	acgga					495

<210> 1726
 <211> 555
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (555)
 <223> n = A,T,C or G

<400> 1726	
tgtaaact	cgtttcttac
cgcccttctc	ggcttcttcc
cgagtctgtc	ggatgtgagc
tcttgcgact	gaggccaagg
ccacgatacc	actggaacag
acctcatggt	gaccactggc
cgatgatcac	gaccacgacg
tgcgaccaag	tctctctctc
acactggcat	tgcgacggtc
agcctctgcc	accga
	60
	120
	180
	240
	300
	360
	420
	480
	540
	555

<210> 1727
 <211> 292
 <212> DNA
 <213> Fusarium venenatum

<400> 1727	
ggagcacc	accgacatcg
gcctgtgtac	actcctcctg
ctacaccacc	aaggtcacca
gaagcctcac	accagaactg
gactcatgtc	gtccctgtcc
	60
	120
	180
	240
	292

<210> 1728
 <211> 512
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1) ... (512)
 <223> n = A,T,C or G

<400> 1728	
gaagatagtc	ctgaagacac
cgagggttaa	ggatgaccac
ccagccaagg	caacatctgc
ccagctgggtc	ttgcacacag
gaagcgacga	aacccaaggc
tcaangttg	cttcacgtcc
tnsgcgcgga	aaaaggctgt
tgaactgtac	tccccctcc
cagaanaaca	attgttgttg
	60
	120
	180
	240
	300
	360
	420
	480
	512

<210> 1729
 <211> 435
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

```
<400> 1729
aagaacgagg gccaaacact tcatcaagca tacgactatg tccgccatca attttatcgt      60
ctgcgccaag aggagcagat cgaaaagcga gtggctcaag aggaagccaa atacgtaggc      120
gcttactttg gccaaacccg caccgatgtt tcccacggtc tccaagaccg cgagttcnag      180
aactggaaga tttgggcccg aaaggagacg gagcgacagg agcagaaccg caacgggtcaa      240
attgagtact ttggtttgga agaggaggcg gaagaggacg ttgaggaccc anaggcagng      300
ccggaggcca nggncgaggn cgtagaaggc nagaagttcc cttgaggcgg tgatacccg      360
catgtacnca ccttgtttta tcgttatgta tagaaaacaa ctaccatggt ccagaaagcc      420
ttttgggtgg naaaa                                     435
```

<210> 1730
 <211> 616
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

```
<400> 1730
gcttcgttgt tgccgaaaa tattcacgga ccaagcgatt aattaatacg atccccacca      60
ttctgtcata ttgcgaacaa tgccctctga acgcgaactc cagatcaacc caattgtccc      120
tgagtctatg attcacaaca ccaaggctct ttccaatctc cacagtctca ctgcttccct      180
cttcggagtc acagctggag ttctcggcct cgagtcctac tacggcttcc tcgtctacat      240
cgtcttctct ttcataacca ctctcctttt ttacgtcctc aaagtanccc ctgaatcgct      300
tcccaagggt catgtctctc tcgatacctc gcggttctac cgaggactct tcgatttctg      360
ggncggcggc atctccaatg gcatactcggg ttctgtcttg acgtggacat tatttttatgg      420
attggttagg gcataggtca acagtaccag gaatctgcat ctacctttgg cgtctttgga      480
gttatganga aagaattggt aaaatggcaa cgcggcaccc aaaaaatgag ctgngccata      540
aaacaactnt tgnagaatga gaaagtttnc aagtcaaaaa caaatcacna aatgctnccg      600
ncaatgctcc accatt                                     616
```

<210> 1731
 <211> 815
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(815)
 <223> n = A,T,C or G

```
<400> 1731
cttcctcttt ttgagaggtc aaatcgtgga gylattttgt ggaggggcag caacraagctt      60
tcgattacct ataccaccca nctggacaga caacgaccgc tgtggcgctc gcagggttggg      120
gtggtatgtg gaggatggca tggttgatit agttgacata aatatgcgtc attcgatgtg      180
cagcaaggac ggctcagccg agtcggacaa tcttgaagac gccgagtaat tcttctatta      240
accttctctg ccgcaaagtt attttctttg cagctctcat cctaqtatcgt cctgtggcat      300
```

catgggattc	ggctggataa	ccaacccgct	aagaagatca	tatggacctg	atgcgccagc	360
caggccccag	tgcgcaaaat	cggtgtattc	atatacatct	gaagcataat	tccccatcat	420
ggggctaact	ttgtcattga	gcggttcggt	taagttgaac	gccagaaaat	gctctaaaac	480
acgcaggatg	gcaccctcga	gacgaatcac	agcatattgc	ataggetgat	gacttttgct	540
catcatacaa	aaattccaga	aatacaagtt	taaggtttct	tgccagaaat	gacgttcttg	600
agaagatagt	gaggtgacga	gaagtanggt	ggtaaangag	cggangagcg	agaagaggta	660
gggtgatgta	aagtccaaaa	tgctttgaga	tggtcgggnc	ctaagcttat	cacgaagctt	720
atcgnctttg	gcttggttga	aaagcatctg	cggatgctgg	aaagtccena	tcgtttacaa	780
cttggtggaa	ggctntaacg	natcagcgac	ccaaa			815

<210> 1732

<211> 622

<212> DNA

<213> Fusarium venenatum

<400> 1732

ctcacacctg	ttggacgcga	ctcgacgtca	ggctacgaat	gtatcaagtt	tgtctcgtgc	50
cttgaactac	accaagaagc	actcatgcat	gcacgcacga	acatcaatat	tccacatgtg	120
tgtgtgtgtg	gctgtaatct	aactaggtga	tctctcctgc	ttttgggcat	cttgctcgaca	180
atcgattaac	tcgatcccca	ctttatccca	ttattccaaa	cctccaaactg	catgtttatat	240
aacctagccg	cctcgcgcct	gagcagcaga	tcaattcaac	atatttaatc	tctatattga	300
ctgtcatctt	tcttctgcta	ttcatttgat	tctccttcac	tgccatcatc	atcatcgaca	360
tggcatcttc	cgaccccggtg	gttatccccc	gcgaggttcg	gttaatcctg	gcagaagtat	420
caaccgacgc	gtcaacgttc	gtcctccaac	ctacaccttc	ctcagatccc	aatgagccgt	480
tgaattggtc	ctcttggcgc	aaatgtctca	acttcggctt	cactatcgcc	gttacgggtg	540
cccgttttca	ccaacctttc	catccaaacc	gcttttgcca	gcagatgact	ggtgatatgg	600
gcgttactat	cacacagctt	ac				622

<210> 1733

<211> 623

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 1733

actcagtcac	tcgcttcaac	atctacaaca	acctttcact	ccaccttcaa	aacaacaacc	50
gcaaacatgc	agttctctct	tgccttcctc	gccgctgtcc	tctcagccac	cagcgtctcc	120
gctgccccca	ctgagcccg	tgtaaacatg	atggccgcca	ctccccagtg	gactattgag	180
agcatgcagc	gcagctgtgc	caaggacgac	agctcctgca	cctggaactt	caaggtcaac	240
acccacaagg	gcgctgccac	cgcttgcaag	tttgctgtca	agggcagcaa	ggcctctcag	300
cgcaacggcg	gccccgtcaa	gtgcgggtgac	tacactgtca	cctctggctg	gagcggccag	360
ttcggtcctg	gaaacggatt	cactactttc	tctgttgttt	cttccaagcg	acagattgtc	420
tggcctgcct	ataccgataa	gcaggttcag	ggaggaaaagg	ttgttaagcc	tgaccagtct	480
tacacctctg	ccaaccttcc	aagtaagctg	gggggacatc	gattattgag	tgtcgggggtg	540
gacactttga	cataqaacgt	ctacatgtga	agacgcggta	atgcataatg	ttttagaata	600
catatacgaa	gaggtttttt	ttt				622

<210> 1734

<211> 693

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(693)

<223> n = A,T,C or G


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<400> 1734
cctattttcaa catcgtctca tatcgcaagc atcttcccttc cttatcatat cctcaaaaang      60
gcttccaaaaa ttcacaacgt gacagagttt tcatacgtta ctctcaagca aggcataaac      120
gtntttgacg aatccgccgc cgccaagact tatcaaaatg tcatcgacac agcgctaaga      180
caaccagggtg cacgaagagt ctacaccagt cttgaggttg aanacccttc caagttgtgg      240
ttgttcttgg actgggatac tcttgaggat catttgaatt atcccaagag cgctgatcat      300
gccctatca tagaatctct ccaacctctg gccgattttg aaaattctat gaacaagcac      360
gtcacctca acccctttcc cccagaggac gtctctgata gcgctagttc cccggtgaca      420
gaggtcctcg ttgctttctt tccttcagac tactccatct cagctcgggc ctccgcaaca      480
cgttgtgtgg aacaattcgc cgctcaagct ctcaaggcat taccagactg gcggggcatt      540
agctacggct ggagtgtaga gaacgatgtg cctatccgtg gtgatgaagg taattcaggt      600
gccatgcttg ttgcgtttat tggatggcgc agtctggaaa ctcatcagaa tttcgtgaga      660
cggatgattt taagcagaat attggtttgt tga                                693

```

<210> 1735

<211> 594

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(594)

<223> n = A,T,C or G

```

<400> 1735
gaacgggctg atccgccgag gcaacataga ggtatgttca cagggggttg ggagttgtaa      60
actcggtaat gatccctccg ctggttcacc aacgggagacc ttgttacgac ttttacttcc      120
tctaaatgac cgagtttggg gagctttccg gccctgagcg gtagttgcc accactctgg      180
gccagtccgg acgcctcact gagccattca atcggtagta gcgacgggcg gtgtgtacaa      240
agggcagggg cgtaatcaac gcaagctgat gacttgcgct tactagggat tctcgttga      300
agagcaataa ttgcaatgct ctatccccag caccgacggg tttacaaga ttaccgggac      360
ctttcggaca aggaagtact cgttggtccc gtcagtgtag cgcgcgtgcg gcccagaaca      420
tctaagggca tacagacctg ttattgcctc aacttncatc ggcttgaccg atagtccttn      480
taagaagcca gcgtactgcc aaagcaatac nggctattta gcangttaag ggctcgttcg      540
ttatcgcaat taagcagaca aatcactccc caacttaana acggnccatgc ccan                                594

```

<210> 1736

<211> 1026

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1026)

<223> n = A,T,C or G

```

<400> 1736
gaatcqcqqt qccaagggtg aatttttggtt gccctgtgtg ttctatctct ggcttttggtt      60
gaacttcttc atggttggtc ctgcagttg gaagttcact cagcttcaac attcggagga      120
acagacattg gcgaaagcag tcccaggagc aacaaacacc cggttcaagg ctgggtgcttt      180
ctgttttgtt gtgcgatggc tcaattattgt cttctccctt tatcatttga ttaagcacta      240
aaaacctcgc caccggcgtg tcttcaatcg agctgtgggc tcccttcgat atgtgccttt      300
ccgtttcttg cttattctgc ccttgtcagc agcaactatc gcatacagg gcttcatttc      360
atgggagttc aattattcga ttgtcaagta caatggnaac attcctgtga tctattgctg      420
gggtttctta ccagccctcc tgatccctct tctccagtae ttctatggcc ttttcagccc      480
taacgaagat aaggagcttg tccgactaag acgtgagcgc ggtgagatgc tcgaccgtga      540
agctcggact tgtcaataag cctgcctggt ggaaacgtgt taggggcgac catctgctca      600
ccttcaagga taagctcacc cgtaacgtcc acgagatttg tggcggtcgc gccaccggcc      660
gacgtatcga gggtgatggg gagcgagacc tgcgagaaga agccttggct tctgccagaa      720

```

acgacgacgg	ttatgagatg	ggtcacatgc	atcgccctct	ggacgctgcc	aacaaccctc	780
gagtggaatg	tgccgggtgct	gcgtccatct	cctccaatgc	atcacgggcg	tcatacgtcc	840
aaccctacac	cggttaagaac	gatcgctcgc	gacatgagcg	taacatgcaa	gctgccggcc	900
agtatctct	ttcctaacaa	cctcgccgag	gagcgacccg	tcgtgaagct	caacttggcc	960
ttgaagggtc	ccgcgcncnc	tcntaatac	cgatggtctg	gggtagaagc	cgantctctg	1020
ggcgac						1026

<210> 1737
 <211> 644
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 1737	
tgattgcac	cccgggtctac
gtagacgct	ctgatagaat
cccactcctg	ttcatacagc
ccaagatgct	cagctgacaa
ccgcagggt	aatgcaaccc
tcaaaggctt	gccatgacaa
ggtgctctca	atctgttgg
cggtttggcg	atccaagaag
agagtcgaga	acagaggcac
ctggcaattg	nncttgactc
tggtgtggaa	gtcaatctgg
	gaaacgtccc
	accttccccg
	acnt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	644

<210> 1738
 <211> 586
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 1738	
atccccgacca	gcctctacac
tgaagcagcc	cagcaagaag
ccctcagcgc	cacacagccg
tgccgcatcg	ctgaaaaaga
ccctactatt	gcgaaaaagg
taagtgtggc	gagaagtgcg
cccaaaactga	atgatctcaa
nnctgaacat	cacaccaccc
nnactacacg	cccaaatcgc
gttnacaaat	tcaccacaa
	aaaanaaata
	aacctctgat
	nttgga
	50
	120
	180
	240
	300
	360
	420
	480
	540
	586

<210> 1739
 <211> 491
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(491)

<223> n = A,T,C or G

<400> 1739

tgcanacnaa	gctgntcata	acgagatata	tgctttgntc	atctgcatat	aaaaagctgg	60
ttagcaaaaag	ttncgaatat	tattcctgca	agtagctgta	gtanacgtct	ccanagtgat	120
actacaacaa	cggctgcnaa	caacgcttag	ataatactcg	cgttacccca	aaacttctca	180
atctggcntt	cgattttatt	agttgcnctc	attgtntata	tgagctgacg	aanaggcctc	240
tattacaaag	atggccttaca	acgatgactc	cgtactggcg	cgactttcat	cgctgaatga	300
nagccatgac	agnatcgctc	tgntgcacaa	tgggatcatg	tttcataggg	cgacatgcan	360
agcgaacccg	tgcaactntg	ggtgnagagc	cttaaagact	cgccagcac	aaanagactg	420
acttgattta	tctcgccacc	gaggggggtt	aacagtccaa	aatcngncca	agggtgactt	480
cattattggt	t					491

<210> 1740

<211> 617

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(617)

<223> n = A,T,C or G

<400> 1740

gctgcggag	tttcttctc	atcccactcg	ttgtcattct	ttagagggtt	ccagtcgctc	60
attacttgc	cctctccaca	tcaacgtoga	gatgaagtct	aacgctggtt	ttgccgttct	120
tttctcactc	agtggttctg	gggtttttgc	tgcccttgcc	aaacctgtaa	cttcacaggc	180
cactcaggtt	acgtctgcaa	ccacggagga	gtccactttc	attgacttga	ctaccactat	240
cacggcatct	gagaacaccg	ccgaatccct	cattccctct	accaccgatg	tgggctcgga	300
gaccaccgtg	gattctactg	tcgagttaac	cacaaccact	gcgattgccg	aaaccacgtc	360
caaggatata	gatgcaacca	ctacaacctc	tgagcccgtc	nacgactaca	acaagccccc	420
ttcaatgccc	tactccagac	acttgcaaca	atctaagctt	cgactggggc	tacttttagca	480
accctgctca	gaacaccgat	accacatact	ccaactttgt	tcctcagtc	ttccagcaag	540
aaaatcctat	ttcggtcggc	accaccagta	ggatcggtgg	antataccaa	aattggaatg	600
gcgcncaggc	tntctcg					617

<210> 1741

<211> 566

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(566)

<223> n = A,T,C or G

<400> 1741

gagtcgacag	tcattgacgat	tcgaaatggt	ggattcaagt	ggaggcctgg	acagcatggt	60
ttgatctggt	ccctactttt	tcgatgggag	acgcgcctc	cgtttactat	tacgaatatt	120
cttgacccac	aaacgagaac	gcaggatggt	caattgacga	tcaagacaaa	gacgggtttg	180
acgagagatt	tgaacgattg	ggcgagaaga	acgggattga	gaggggatag	tgggaagttg	240
cgctgcatgg	tgacaggacc	ttttggggcg	gtacccaatt	ggaagcagca	tgagaatata	300
gttctctgtc	cagcatctac	tggaggatca	tttaggacgc	caattctcga	agatctactc	360
tcgtctcaat	cccttggttg	tatccgtacc	atcagcgctt	tgtacatcgt	ccgtcgcaaa	420
gacacgcgc	aagttacat	cganagtata	acccgtctac	tctcgcgcgc	caaaganatg	480
ggtatctcaa	caagattcca	agtcacgtaa	ccagaaatcc	agccctgtnt	ccgaagcagt	540
tctccagatg	aaagccgcga	gagatt				566

<210> 1742

<211> 646

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

<400> 1742
aacaacaacg aggacgttcc tcattctccag cgaaccgaga ttgtcgnctc cttcaacacg 60
tacgctcgta tcagcagttc tcttcacaac attggtgaat tccgtcaaata gatggaagcc 120
aaggctgana aggaaaagct tgctgaaaaa cttgccgagg agaagcagcg tatcgatgct 180
gagagggaag agcatgcaaa agaactcgag gctcgccaaa nggaggagca acgtatcaag 240
gctgagaagg caaagcgcga tgagggaacgc aagaaggaaa agactcctga ccaaaaagttg 300
ggcgacaagt ttgaggaggt cagagaagag gacagactac gcgcaaagct tgaaccgcag 360
gttgcaaaga atgaccagat ggacgatgac atgaggggagt ttattcggtc tcccgcctaga 420
ggccccgagg aggagtcctc gatgggtcac ctcaagcatg aactcncag ttcaatggcg 480
ttttgcgcgt tatcctcaat gggngggccc cncaccaaga atgctatgga cnattattaa 540
atatgaagct cgcgtgcatt ccgaactacg tcgggtcttc cgtgggtccac naatttttga 600
agttttggat tgnccaacat caccgcggac anggatgaac tngtan 646

<210> 1743
<211> 571
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G

<400> 1743
cacgaggagg ttgatgtgga tgccttgata ttggagccgg ctggactcta ctttggaat 60
atgtattgaa cctactgcca gcacttccga ccccatccaa accttttctc acttctattg 120
ttattcttat tcaaatgtga attcatccct cttcattcac gaaccaactc aatcactcat 180
cctcacaact accacaacct ccacaacatc aacaatggcc tcttatacac acagccgaag 240
tgccgtgaga gctcagcgac ganactcgtc atcatcctca tcttcacaca caatgtccaa 300
ccgctcaaga ccacgccttc tacgctcaag tgcaactgag ccttcaatca ctgtctccna 360
tgctactggg aaactcattt gctgggtccg antcgccaca tanancaact gatctctca 420
accgtgttgc cgtctattct ccgtctcccg agcaagcctc cncaccaagc ggnaatccca 480
cncntgctg gaaccatgtn tntctgcgt gatnncggg agcactctcc tttccancag 540
ccctgngaaa ccaatccgcc gtcattgtcg a 571

<210> 1744
<211> 1341
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(1341)
<223> n = A,T,C or G

<400> 1744
ctctcccccc tccatccagg ccagttttaga aaaaaccacc caaagctctc cctcttataa 60
ggctcatgca ccgtagacca ctcttcgctg ccttcaattt atattaacgc ccgggagga 120
aggcgattag cccaaggcga cgaccaaaga tgctcggtgt caciaaagaac ccttttgct 180
acctcggaac cgacagtgaac ggccgaggaga agcccgctgt tctgtcaag accgttgaca 240
agaacaatgc tcgcactact aagcgcaatg tcgagccct agctcccggt aaggccgctg 300
gtgctggagg aaaccgcgt ggccccggtg gtaacgaggg tgctttccag gaccgtgggtg 360

ctggtagccg	acgcaaccag	aaccgatcca	ctgaggagac	tccccgtgat	ggcccccgag	420
gcggtgctgg	tgcccgtagc	cgtggtggac	gtggcgctag	acgcgcccac	gagcgcgatg	480
accgacacac	ctctaagttc	ggtggacacg	gtggctccga	aaaacaggct	gcccagtcct	540
ggggtgctac	cgaaggccag	gctganctta	aggacaagca	ggccggcgaa	ctatcgctaa	600
ggacaagcan	aaggaccccc	ctgctgaaga	gctgctgccg	ctgaaggccg	ccgcccagga	660
agaggccgaa	aaacaggtct	cctacgaaga	atacctcacc	cancaggntg	anaaaaaggc	720
cgctctcaag	tctggcctca	aggcccgtag	ggccaacaag	gcacaagctc	gacaaaaatg	780
ggccgacgcc	aacccctcga	aaacnaggag	gaggagtact	ttncgcgccac	tggaggcaag	840
gcccagcgtc	agcgaagaag	cgcaaggcca	agcagaccgt	cgacttcgac	ccccgtttcg	900
tcgagcccga	gcgcacccgt	ggtggtgctc	gcggaagccg	tggcgccgga	ngtggtcgtg	960
gtggagaccg	tggtggagac	cgtggccgtg	gangtaaccg	cgccggccgt	ggcggtgctc	1020
ctcaggganc	tgctaagggc	aacgctgcta	tcaacaccaa	cgaccagtct	gctttcccca	1080
gcctcggcgg	caactagatt	gcccacgcgc	tgcccgtctc	tcacagancg	cgcccataaa	1140
tccccctgcc	tgctacacca	tgactcgcg	gggtcaacgc	tgaatgtcca	aacgcctccc	1200
ctttttcctt	tttttactcg	tcacgatata	aaaaggggaa	aagatgccat	attcgttgtt	1260
ttcgacaggt	tgaaatgaaa	aaaatttaatt	gaaaaaaaaa	aaaaaaaana	attccccctg	1320
gtccganata	tcaacatatt	t				1341

<210> 1745

<211> 457

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (457)

<223> n = A,T,C or G

<400> 1745

cgatcagtg	cagatgttga	gacccgcgg	tacgaggett	tngctcagca	gatgaagaac	50
gctggccctg	gcgctttctt	caagttccct	gaggctgggtg	ccgaggccgc	tggtggcgac	100
gocggcaact	ctttnggtga	tgctggcaat	gatgatgac	tctacgacta	aggacagcna	150
cgactgtatg	gacatgagtc	ctttgtactc	taataatttc	tctcgtacat	ctccgnatca	200
gcgtgcgacc	ggtcagtgaa	atggatttat	cccaacactt	tggtcgatat	tgaaatanga	250
gttggtagaa	tggttnagga	gagatggaca	acaacctacc	tgatcatgat	gcttttgaag	300
atcangagga	aatgattgtg	gtcactaggt	gacgtaaaga	cagactttgn	gctttgntag	350
atgacaaatt	gattncctta	ctttnaaaaa	aaaaaaa			400

<210> 1746

<211> 566

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (566)

<223> n = A,T,C or G

<400> 1746

ccctttatcc	cagtgacatc	cacccagaac	ccgggacccgt	ctgggacaa	caatlaacaca	50
acggcaggca	ataagccaaa	agttgtgaga	aaggctccta	ctccacttn	cactcccgct	100
cccgtctcag	ctccagctcc	agccaaaaaa	gccaaagcaac	ctgggcttga	agtaaaacgc	150
acaactctct	ccagagggcag	agacccgctc	ccaaacaaga	caaccagccg	aagaccatcg	200
tcacaacagc	aacaacctca	gtcgccaggg	gcttataatc	aacgtttccc	aagaaactct	250
gcaccgggtg	gctttgacgg	gcttatgcga	ctttcgccagt	caagttctca	tgcagcatca	300
gcgcaccac	ttcccaacgg	gcagtttaac	ctggagttac	ccctagagtt	ncacttgcga	350
accggccgag	gcctgtgtca	gatgttggcg	cgccggcacc	tnctttggct	tccttggctc	400
ctcgancttc	gtcgagtaac	gncatacagt	catttgttgt	acaaggaaa	ctatagtggg	450
tactgggnat	tcgatnaaaa	cgttca				500

<210> 1747
 <211> 948
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(948)
 <223> n = A,T,C or G

```
<400> 1747
tctttataca acaaccatac actatctact attactacct actatctata tcaatactac      60
ctactaccta cctacttgga cgacacacat caaaatgcct tcaaagctac tctcaaacaa      120
gcacaaacaag accatctaca tcgatagcat cgccaacctc tcagacctc tctcctccat      180
gtcatctacc ttctctctcg tctctctctt gaccatggcc taccacgtcc gaacaccaca      240
aactgcccagt caagaacggc ttctcacaact cctaaacaca atgtcgccag ccttcagaac      300
acatgcggac ccaagatact cgcgcgagga ggtctcaact ccttcgtcca cttctcagcc      360
ccgtcctcaa cggcatggca ggcattgttag agctcctcgc aaacgtcgat gccttctcgc      420
gtccagaaga tttccgtcag ttttgagacc tcgagcaaaag caacctcatt agagactttg      480
tagagagtgg gggacccttg cgggggatgc agggctacga cgtccctttt ctcgagactt      540
ttgtcaaagg actcgtcgtg caggatcgct cttcggaagc aaccagggca tgcttctgct      600
agtcctctgc gatgccgagg tcggcgacaa tgtgtggtgg gacgaggatg aacagcgtct      660
tactgtcana aagggtggtg aagatctcaa cacaaacgcc gaagcatacc ttgacaatgg      720
ttcaaggata accgccatgg ctatctcttc tgcacttga aaacgttttt tttctcatca      780
tgacttgacg aattttctac ttacggacac tttttttttt tgggaaatga agatgggact      840
ccgatttgat atccccagcg ggatttttct ctctcttttt ttttttcttt ctctattggg      900
aactggattt gcagcagagg ctactgggct tactggaagt acaatggc      948
```

<210> 1748
 <211> 601
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

```
<400> 1748
atggagactc cctttactgt caaggctcag ccaggaactg atatctggaa gcagcctcct      60
tctacagacg tcttcacagc tcccttcgc cctcactcca tcgccccct aaagcacttc      120
gtctcagcaa caatcacctt ccgtaccacc tacgttcacc aatacgacca agcctgtctt      180
ctctcactct tcaccaagcc tgcagcaca ggtgccccca ggaagtggat taagacqqgc      240
atcgagctgt acaatgagca cccccgtac tcaactgtaa catgtgactc atgggcccgc      300
tggagcgtcg aggcggtcgg acccaatgat gtagctggtg tcaagagtgg tgagaagacg      360
ttactattaa ggcgatgaag gtgaaggatg cactgggtgt ctgtctctgg atctacaggg      420
ttgacgagaa cggagaaaag acccgttgag acagacaaac tgggtgtacg gcgatnaagg      480
tgjcgaaagga tggganctcg aggtctcacc gctgtggcta gaccagacct tacaagaaca      540
tggaggaaca tcttqaaqct acnttcgaca agctggaagg tcaatgggaa aaacctacag      600
c      601
```

<210> 1749
 <211> 529
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

```

<400> 1749
tccaatatca ccttcctctg gggcagccta attaatacagg agaaagcccc gtaaaatcag      60
gtacagggtac aggcgttcct gtcttttttc ctcccgcgaat cacctcttct cctaatacaaa    120
ggctttgcac gctcgatata tatccttcat attcatcact tatcacgatg gttgacaaca    180
ccaaatctta cacgatcggc ccaactggagc acacacccct cgatgagatc aatgccaagg    240
ttgatctcgt gaggaagaca ttcatgtcag gccgcaccaa agatattgaa tttcgcatgc    300
gccagatccg aaagctttac tgggccatcg tcgacaacac tgagctcatg caagatgctc    360
ttctnaagga cctttggcaa atgcaagtac caagccgttc tggccgagat cgattggtgc    420
aagcaagaat gcattgatat gaccaacaac atggagaant ggctgccgaa gagcctgttn    480
ccnatggttc ccttcaggtt cgcttatgaa gcatngcacc cgctttgag      529

```

<210> 1750

<211> 536

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(536)

<223> n = A,T,C or G

```

<400> 1750
ggacaatttt ggaagtcgga caagggagaa gaacatcatt tcagagacgg gctggccaac      60
tgggtggtgga acccactgng gcggtaccgc aacttcttgt accaagggtt cagtcgntgg    120
cgttgatgaa ctgaacacct tcatggagga ctgggtttgn caggccctca agaattgggac    180
caactacttt tggtttgagg cattcgacga gccctggaag gagagggtcaa cgaaaagggc    240
aaggagtggg aggacaagtg gggcctcttg actattgatc gcgatctcaa aaaggggagtc    300
aagattcctg actgcgacgg caagacgctc aangattaca gcgccttttc ctaaacnacc    360
agagacgcaa ttntacgaca ttntcagcca cgatgcattc ttcagtcgat accagcttac    420
gangataagg gtatgcattg gatatagcca atagccgact cttggacact cagtatttaa    480
tggtcttntt tctttctttt cctnatggaa ccngagttaa ggagtgccag gaaaac      536

```

<210> 1751

<211> 589

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

```

<400> 1751
cttatcaata catcatcacg aaaacaatct tgattcggtta tggacgaaga aaacagcctt      60
ctcagaagag tcatgttgcc aatccaggct cgcgtagtc gacctaccat gacactgatc    120
gtcatggcta ttgtgacata taccttttgg atatggcaac ccttcaggcc tctcatagac    180
aacaaccttg ggttcacgto ccaaacgaca atttcaactc ccgatagtct cgtacctttg    240
gaacnctttc atqantaatq cccgatgcaa aggatgctct cnaactattg gtgctgctg    300
tcatgcagcg cgtccatgac aagggtcaact ttactctatc ttatatgggc cggcgaacctg    360
ccaacgatgg cgtcgactgc atgcacggcc ctccggaatg catgggcaat atcattgaa    420
tttgcgcccc cgagctttac cccgacccta agataaatct ggggttttatt atgtgcctga    480
nccgtgacta ccgcgatata cccggacgat ccttgtgcca anantgcgcc cttnaaatct    540
gccatcgatt tccagcaact gaacnaatgt totgtnaang aagatggag      589

```

<210> 1752

<211> 431

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 1752
 ggctggccgg tccgcctcac cgcgtgtact ggcccgccg ggcctttccc tctgtggaac 60
 cccatgccct tcaactggcg tggcggggaa acaggacttt tactgtgaaa aaattagagt 120
 gctccaggca ggcctatgct cgaatacatt agcatggaat aatagaatag gacgtgtggt 180
 tctattttgt tggtttctag gaccgcccga atgattaata gggacagtcg ggggcatcag 240
 tattcaattg tcagaggtga aattcttgga tttattgaag actaactact gcgaaagcat 300
 ttgccaagga tgttttcatt aatcaggaac gaagctccgt gatggccaga tatttcctca 360
 tcaaattccga acgagaggat gattgtgcgt cgcggcttga atcctgaatc tatcagagcc 420
 tctaccgctn a 431

<210> 1753
 <211> 358
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 1753
 cgtgctcaca aagcagagca agacccttat cgcagtaatc tccggaatta ccgccctgat 60
 gcttttcagca accaaaccct tggatattct ggtacttgca ctctcctgta cgcggaagaa 120
 ggagaccctg tcaaaatcac catcgaggaa tctggcgtga agactactgc gtctttgaca 180
 acctatttac cggaaatacc cgatgatatt cctttcgacc gcactgatct cacttttaaa 240
 attatcatgc aatctcgaac actgntggac tcgctcgcan aaatttctcc aacagctcct 300
 ttgaagttga cagnttcagc cnccaaagct caccttttct atncttggtg gtataaga 358

<210> 1754
 <211> 586
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 1754
 tggaagacca acccgtgagg ggtttgtttc gtaaggaggc atgtctcaat gttgatttca 60
 agcatggcgt tcaaaggatg aacactggga gctactacta gtattaatgt cattcttaca 120
 gaaatcattt ctgcctgtca ttgtcgcaat ataccattc cctttctatt tcaacgccgg 180
 atgtccttta cctgtattgt atcttttgcg gccagaaccg ccttatgcct ttttgacgcc 240
 aggaatttcc tccactcat gtgcgatgct ttccattctc ttccatgatt cagcacccaa 300
 tttttcaaac ctgatgatat ctctcttggg caagtcacaa gctccctttt taagcccaac 360
 cgtctttttg aaaacaccaa cagcgggata ggcatttaga gccgcgcgat cctcaacett 420
 ggcctccag ccccatcctt caacttctgt cttcttaact tcaacttgca tgtgacggtt 480
 tgagctactg ccccacttga tgcgctcage gtccaattcg tcaagcgcan attgttcttg 540
 tagggcaatc caganaggcg anttgggcac cngtatagct gtctgt 586

<210> 1755
 <211> 1146
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1146)
 <223> n = A,T,C or G

<400> 1755
 gnttatnctc agacccacat cgcgaccaca ctggtggact nacagcacat ccggcagacc 60
 agtcttgtca tccaaagatc tccancgagc agagaanggg actgtggatg ggacttagca 120
 nagatggcca tctagccgta ctnacaaact atcgagaaac cnacatcaag gatcaaaatc 180
 atcctattca tgccgccaaa agccgcggtg gtatgntcac ngcttggctg ggaacaccac 240
 ctgangagag tctcaaagac agcgtccaca aactggtcna gaacgactgn gtnaagaggt 300
 gttggaggat tcttcatggt tngcggcaag ttgagaaaaa atacttacgg tattgccatc 360
 gttagcatcn gagcatgcaa cgtcnatatg tgcccattat tgccaaanan cgaggcgaga 420
 tgtgggggtt gagtaaacag gncctttgat caacagtcaa ggaagatgaa tggggccanga 480
 tcttcattgg aaagaaactc ttccggggaga gccattgaca gtcccgatc cgacaagtgc 540
 agtcaagagg agttgatttc caacctgggt ggacgtactt acccaacgaca cactaccgag 600
 gaacgaaaac gcaagcctgg tcgaatatat caacgagctt aagaaaagcg tatttatctc 660
 attgatcggc gacgaaaagc atcggaaaagc aatggaggcg gccatggcga aaggaccgag 720
 cgagtgggag acagacgatc aaaaagcagc tgaggagctc atgtcggaag gacgaccgga 780
 tccaagcata acacccatca tgggcttcga gacgggcatg tatggtacgc agcgtcagac 840
 ggtagtgttg gtagattggg agggtaaagt caccatggtc gagaggcgcg tttgggatgg 900
 taatggcaat gctgtgccta aaggagaggg agacttgaag tttgaattct ccatcaatgg 960
 atggaatgat gaattttgta atggagttaa tggggagagt aatggacatt tttaatgatg 1020
 ctgaacaggc atggctggcc cgcaagaagc ataaaanaca aaatctgtag gccagtttat 1080
 ctctttaaac taagttatgt cagggactca ctgtcactgc taccctaana aataggaggc 1140
 cgtgcc 1146

<210> 1756
 <211> 629
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 1756
 cagttcacgc agaagaagca gaaggctgaa gaaatcgctt ccgataagaa ggccaacatt 60
 gccatgacca aggaggacag cattttccct aacatcgacc tccctggtgg catcagcacc 120
 aaggccaccg agtacaagga gcttgccegc aagggcgaca agtgggagag ccctgtcttc 180
 tccatcggtt ctgctaagaa gactaccgat atccctgccc tccccaagat ccagcgcaag 240
 gctcaccocg tatccaaccl cggtcctaag gacaccaacg ctgactacga cttttaccct 300
 gctggcaacg gacaccagca cactggtaat ggcgccatga acggcaatgg ctaccacgtc 360
 ggtcacggag acggtctgaa cgggtggcgtt aacaagcaag caccttgctg gcaatggcct 420
 caacaacggg cagatcccac gggacaggtc ctatggctgg acagaacat gaacactgnt 480
 tanaaccctt gtgacagga tgccaactag cccaggaaaa taatgggtgga ggattgggtg 540
 atgttatacc catgcccctg ccttgagtgg ctttatctct ttggttttga aaccacactt 600
 ggggaagcanc nctgacqna aaagaacaa 629

<210> 1757
 <211> 538
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

```

<400> 1757
gcagtgaacg ttccgttgac gtatatacac ctgaggttgg cgtcgttata gacgccagtg      60
ttgacaccaa cgcttgggtt gtcaagctgg cagatcctct agtcagaaag ataaagtggc      120
agaacgttcg tggctctaggc attgtcacta ttacaggaca gcttcttggc acacatctca      180
acgaagctgc agcagccgat gaggacatcg ccaacaagcg acaaaagacc gaagagcccc      240
cctcatcgac tacctaacc aacacggcgg cagccatncc ctcgccaca cctgtctctg      300
atgttctccc cgcgaacctt atttctgctg tacgtctcagc agcccaacca ctacacgttg      360
gtgacctcgc ctggccgata tgcgtcgcgc catgcantcc gccggccaca cggcggagtt      420
ccgtggtgag ggcacactgg tcgttgacng nactgtcgcc ggtcgcaaga ngtctgcagg      480
tcgtgtcgaa nttgaanagt gtgggcgatgc cgaccgctcg gcgaagtacc ttctatga      538

```

<210> 1758

<211> 436

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(436)

<223> n = A,T,C or G

```

<400> 1758
ggccaggctc agggtccttc cttcttcgag gaggccatag gtggctctcc ctttccgcaa      60
gaaatacctt tcgccctcat gcaacctccc cattataact ccacgccaaag tatgggtcaac      120
ggctttccac cctcagctgc tatagtgcc aagctgcgagg ccgaacaaaa gtccgcttgc      180
caactccggt cccgagacac gcatcagctg agcataaaca cttccgacga agcaaacggt      240
caagctatca tagtaagatc tcccaagccg aagagacgcg gccgtaagcc caagggagcc      300
tccaaagatt cagcaaatct cggacgacat agtgcctgat gaaacgacct ccnagggac      360
ccnnggcgtc gtngaantct tggagcgcaa cagaataggn tgntacccaa ggtggctccg      420
aagcgggatg aagcat

```

<210> 1759

<211> 659

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(659)

<223> n = A,T,C or G

```

<400> 1759
gaaacatagc cttgaaatca tggcaggcat ctcgacattt accaatggct tccgtcacc      60
gttcctcgcg gcgcgtgaa gttccgcata agcatcatca tcaactcgac caccacctgc      120
catccccaac aagcgtatct gccacacccc agngcggagg agcaccangg gcaaggcgca      180
acaaganggc actcgatgca cagcatngcg actttgatgc gattaagccc aagaaatcgc      240
gtataacagt cgaagtctct gcaaagggnt ccacagact tcgtgtcgcc aacatcgaca      300
acaaaagagg catcgctgcc ccgcgcgcca aacctctgcg acgcctacag ttggcgaatg      360
ttgagcagcc ncaaaadata cttctccccc gaacgacaac gcgaaatcga cgcaaaagca      420
aggacaagac cctttacaac aacacccaaag caaggtcatt aatgggctaa aacacgaact      480
ctaccggata aaaacctcaa nccaagcgat accaacacaa nagaacaang gccggaanct      540
nccctctcaag ggaagcanca aggtttaaga ncgagctttt ggccaanttc ccggattaca      600
ataaggtaat tgnaaacaag cccaaagaan aanaaatggt taattgcgna aacccgatn      659

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<210> 1760

<211> 299

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 1760
 agaccctgac agcagcggac aaggacgcga ttgcttcggc catcaacgac cttgacggtg 60
 cacaactcga tcgtgccatc gatatcatca agcgagacac aggccagaac gagaacactg 120
 acggagagct ggagctggat attgaccanc ttancaatga ggcattgctc aagctgtggg 180
 aactgtgtat gaaggtgctc ccnngatttg gtaaggactc taacgtacca tcttctctg 240
 aagcatcccg agcggcgctt cccaagcatt ccaagtcttc gtcgaentcn gcaaagccc 299

<210> 1761
 <211> 1071
 <212> DNA
 <213> Fusarium venenatum

<210>
 <221> misc_feature
 <222> (1)...(1071)
 <223> n = A,T,C or G

<400> 1761
 gtgatatgcc accttacttt attgatttga ctttacctgg gactgtcaca gtttaattctg 60
 aaacaaaact cgacctgact cgactcgact cgactcttgc aacgtcgtcg agtcttttcta 120
 ctccgctctg ttcctctctg tccgtcctcc tccctcccagt caaagtcctt tttggcatgt 180
 cccatcagag gtggcccggt tcttttcccc atcctcgtat cctctctccc aacttagatc 240
 tcgctctctt taccgatcca ggacttgtgc ctgtccatca gacactctct ccacctgcta 300
 gtagtagtag gttcattggg gcgtaagatt ctcaactctc ccttcacctt cactcatccc 360
 atttggtgct ccttcgacac caaagtcctc tccaaacctc cttctttctg gactatttac 420
 tttccgtcgt gcccatgata accgggttct cgtctcctct cttctgtcac tttctttcat 480
 aacacacccc ttcttcacaa tgtcaacttt tcaaaaagaag ctcttagcag ccatcatcaa 540
 gagctccttt cgagggaat cactagtcca agtccctctt ggcttactgg agtagctcgt 600
 tgggccatga tacatccggc aaatctcgag ttggtaacac accgcgcaag tctatccaag 660
 aattttctaa agaggccgaa gatctatttc tcgaccccggt cagccaagat ggtctccaac 720
 aactatctcg caacatgcgg aagcaactcc tacaacgact tgagaccgac atggaatgta 780
 tgctgccatc gtatagtcac cagttgcca gaagcacaga agtcggccgt tttgtagctt 840
 tggacgttgg cggttcgacc ctccagantac attggtggaa ctttgtggtc gcatgtccaa 900
 tatcggggaa natctangat tgtcagcatg cgcaactttc gcatactcc tgatatcaag 960
 gctctanaag gaatggcttt ctttgactgg atggctgaaa aganaactgga aactctttcn 1020
 ggaaactaaa caacatgggt gatntgaang gcctttgcct atntcaatgc a 1071

<210> 1762
 <211> 535
 <212> DNA
 <213> Fusarium venenatum

<400> 1762
 atcgcaatcg cagaactccc cgcgctcgtt caagcttaac ttctttactc aaaccgccaa 60
 aatgacccgg gctcagcaga ccattctctt cgcctctctc gtctctctcc tctaccttgc 120
 tctcttctct gagctcater cttctctctc cctgacccag gagcagatcg tccctgtgct 180
 tctcttcttg gctctcgtgt cctttggcgc atacctctc ttccgacttg gcttgggcct 240
 cctcactctc aacgacgttc ccgacggcca caaggagctc acaactgaga ttgagcaggc 300
 caaggttgag ctccgaaagc tggcgctcac cgtcgactaa acgactacc gaacgaacca 360
 ccatattagat ggaggggcaa aaagggggat ttggatggat gggatgaatt tttggctctt 420
 gaggcctaata caaatttaata ctacgataat ctggctatctc ggcgggtgga cctgggcaaa 480
 aaagatcttc cttgacacca acgcgccttc aatgcattcg taaactttgg catct 535

<210> 1763
 <211> 581
 <212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(581)

<223> n = A,T,C or G

<400> 1763

cagggcagtt	ggttgctggt	agtgtttgcg	tcagaaagca	aagtgaagca	aacggaactt	60
ggctcttggt	ctttattata	ctcaattggt	tctttcttat	actttttcta	agtttggttt	120
gaatgaacag	cgctgcac	aatactttat	tacttcaaaa	attctttaat	taattctttt	180
tcgcgctcac	gtgtgcgcga	ttaaaagcag	actcactgtg	tctctgttgc	accaagcacc	240
accaaaaaag	atcggccttg	ctgcgtacat	cttctctctc	aaactccgtc	tcttcttttc	300
ttcccgcgca	caaaacttcc	atgaagcttc	ctccgctgtc	ttaaagcttg	ccctcagctt	360
tqqagctggt	accaagaatt	cgcaatggcg	tcnacaatca	cagaagctca	ggcggagctt	420
atlcgctctc	ttcccccgca	cganattccc	atcaagctgc	gatgcgggat	ctgtagtaaa	480
ctcgcggtca	acgcttaacc	tcttccctgc	tgcgancaag	caatctgtga	atcatgcacg	540
tccaatctac	ccgcctcgtg	ccctgtttgg	gaanactcgc	c		581

<210> 1764

<211> 835

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 1764

gaacaattcg	tggccgcagg	aatttttttt	tttttttttt	tttttttcag	gagagagata	50
gtagtattga	atctactgag	aaattgccag	gaaagtgggc	ttattcctaa	tcctagtctc	120
tttttttttt	tcccttctcg	ttcctttcaa	ccgagcgata	gctgaagccc	tgcttgcttg	180
ctcactaact	caaccgaccc	cccctttgna	agattttttt	tgggggnggt	ngangnctgt	240
taattttcca	ctttgtcctt	ttctgggaag	cacatttttt	gcttttcccc	tttaaagtgt	300
atcctttggt	ttccgtgacg	ttttgttggt	aagaaaaatt	gcaatttgaa	tcctgagtag	360
aaagatgatg	atcgctgcgc	tttgcccat	aaacaaaaaa	catattcatt	cattcaatca	420
ttcacataat	ttagtgaaga	acgacatcat	ggaagtcatg	cttggtggtc	tcggcggtgc	480
cgccccagtg	gacaggtcca	agcttgagaa	tgcggtagct	gttggtggag	ttggagtttg	540
agctgggtgt	ggactcgact	gatgatcgtc	gctcggtaga	aggacgagtg	tgggagcggg	600
cgggcgggct	ctgaggggat	gaaggagatg	tagccgggtc	gagtgaagag	aaggatgact	660
tgggaggagg	agtgaagagg	aggaagtgtt	gaggaggaag	gtcagacatt	ttggtagagt	720
tgagttgagt	tgagttgagt	cgagagttgt	tgttaagatga	gttgatgatg	ataaggtgat	780
agttgttgat	gatgttggtg	tgaaagtgtt	gatagataga	gacagaagac	aaaaac	835

<210> 1765

<211> 620

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 1765

ctcgactcct	cctgcttctt	ccctcacccc	ccgtttcgtg	ccccattccc	cataatcgcg	50
cgctctgctc	gtctacttct	ccaggcccag	tcgaaaaatc	ttcctttttg	aactttctca	120
atgaggcctg	tatattcctc	ataactttgt	ttgtgccttc	tttccccctt	catccctccc	180
cccgacatag	tccctttatt	acattctcta	ttcttttttt	gcgcctcttc	tcaagccgca	240

ggctcggacg	acgctcaacg	accacaactg	tccaaaaaatc	cacatcaatt	gcattgcac	300
ttcgcttgag	caataaattg	cttcgccaca	gtcggttgagg	ctctacagct	atrtagaatc	360
acgacctgtt	cacggctaag	gcaggccttg	cctttgccttc	tctttgcacg	agcatccttt	420
gnaataccgg	cggctcctgga	tttcttccgt	cgcacgcgcg	tctttcaatc	cagcctcccg	480
gttctgtcga	atagcgtcga	attaatgtct	ttcgacgctt	tcacgccngc	atctcctcgc	540
tatcggtcga	gggcgnccca	acaacaacta	ctaaactggt	tttcaaacia	tttcatcttg	600
ggacttgnet	ttttccgcn					620

<210> 1766

<211> 625

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 1766

attactcaac	cgtatggact	gaagagaaaa	tctattcgtc	acaatgggtgt	tccagcatga	60
ctttctatatt	tcagtagcta	tttctggaga	gtacagcgac	tttacactgg	tttgtaacga	120
tcgtgaatac	aagctgcac	aagtgattgt	gtgcccacag	tcacgggtaa	tatcggtgc	180
ttctctctgt	ggatttcagg	aagctacaac	gaaaattctc	actgtgaacg	agttcgatat	240
cagtaccgtc	caatacatga	tagcgtttct	ctatgcagga	gagtaccaa	tccattctaa	300
aagggcgaaa	aaatccactt	ccgacgatgc	acacaaccag	gacgacacag	atgaagcgtc	360
gcagtattct	ataaaacaac	ctgaagatga	aactgtcgat	gatctgatct	ctcatctacg	420
cgtcaacgca	attgccgact	actataatat	tcaaaagttg	gctcaactcg	caacctcaaa	480
gattcaagcc	atcctggaca	aagggtcaaa	cgccgaggta	tttccacaaa	ttattcaaga	540
agtgtcaact	tcaaacagag	atcctgacat	cgactcaatt	atcgcttcan	cccgcggntg	600
cacatattga	ggaactctgc	gaggt				625

<210> 1767

<211> 466

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(466)

<223> n = A,T,C or G

<400> 1767

cgaggagtgc	gttctctctc	agctctgtgac	tgtatcacc	aaggagtana	ccaccgtcct	60
caccagcggt	gagtactcta	ccatccagggt	tcttgcgcc	actggcacca	acctgtccac	120
tcttgagcag	netgagaacc	ctgagaaccc	ccagaacctt	ggcgagcctg	aggttctctg	180
tctacttga	cctgtgttc	ctctcccg	taccacccc	atcgngngng	gcaaccagac	240
catgcctact	cctcccgctg	cactgntggt	gccgtacct	ttgncggctc	cgtttnttcg	300
ctgccgccgn	tggtatcncc	ctttcatcat	ggtttaaact	natccaattt	cnaactccct	360
gttaggctgc	tacctntaaa	acttnaagac	tntttntttt	taaagntttt	aatggaaaaa	420
ctcgactagg	gclttgaaac	cnccgtttct	tgccgttttt	ntttgn		480

<210> 1768

<211> 573

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(573)

<223> n = A,T,C or G

```

<400> 1768
ccctactccg ccacaagcgt cctccggggg ctctcttgtc ccgcctccac ctcageggcc 60
cctctctgca ccactgtcag ctcagccaag cggtttcgcg cctcctccca tgatgcccc 120
gatgacaggt gccctgcagg gtcaagttgc tcttcttggg ccagaagcct gagtgatctt 180
acgcaagctc gcttgcaaca gcaatacacg gctcaaagtc agcaacagca acccttcaac 240
aaatgcagcc cagcatgact gggattccct ggacagcaag tcccgagacg atgcctttcc 300
aaactggccc tggacaattt atgcaaccga tgatgacagg gatgcaggga cagaaccagt 360
tcatgccgat gcaagctcaa ccactggttt ccaacaatcg ttccctgcca cgcagtcgat 420
gtacggtgcc ctactggaag catcaacagc tatctgccgc ccgctcttga ancacagcga 480
actggcatgc ctggtttgct tcctonagca actggaatgt caaaatgggt aacatgggcg 540
gcatgaaaaa agcgccaacc tccaacctct gca 573

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```

<210> 1769
<211> 426
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

```

```

<400> 1769
tgatccccag ggcagggatc ctagagatat ccgagagcga gatccgcgag atggggcaatg 60
gggtcgcgat ggcgctgacc ccagctatcg agcccctatg gatcatcaac gaccacatcc 120
cgactatcct ccttctgcca cgccttaccg tcctcatggt gtttaccagc gtccctccacc 180
cgatcgatat cctccttcgt cgcattctat gccaggcccg ccaggccaaa ccatgcccc 240
tggaccgcag cttatgactn tcccgaccga gcccgaatga gtttaatgta tgcacaaaac 300
aacaacaacc cgaccgaaac cggaanaagg gggccccccc ncggncatag nttanacgga 360
gctctggtcn ggaonacttg aatntcccg accccgnatg ngtgatgcgt anccccaagg 420
ccagggt 426

```

```

<210> 1770
<211> 593
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(593)
<223> n = A,T,C or G

```

```

<400> 1770
caaagggttac accatcatca atcgggtttcc atcgattcct atcctctcag cacactttta 60
aaactgctcc atcgggtttc tcttggtata atcttctaga aagcacgtct ttgcgaacac 120
gaacaatgct tcgcggcgcc accacccttt acgtgaccgg cttcagccac ggtaccgcg 180
ctcgcgacct cgcctacgaa gttcgaacgg tatgtcaacc tcgcccacgc tcacgcccac 240
gtctctgtcc acgtccacgt cctatcgttt tcgcgtctgc ctctgtctgt gtctgtgcca 300
tagcctaggg actctttcga tggcaatgca aggtctcttg cttggccatg atgcctctgc 360
gncatctgtc gtctttaagt cctcgtctct ccgtttccgt tctcgtctgc gccacagccc 420
cagcaactct tcctcccttg tcttccact ttcttcgaag ggantgctcg tctatcgccc 480
agtgcgtctt ctgctcgagc aaaccatgaa tgccgtgcgc attcgtatcc aaaagggggg 540
gtcgtctggc atttggtctg gttacaacgt gcttcant atactgaaca atc 593

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<210> 1771
<211> 611
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

<400> 1771
cttgggaagga atcaaggcaa cgcattctcgc tcagaagaaa aaatcgaaaag atcaaactcc      60
acaatcgaaag aaacgaagtg ctactagtcc tgtcctacca gccagcaaca agcgcattgag      120
aaatgggatt gcgacaactc caaagtccaa ctcagagaga acacctcgat cgtcgcttga      180
aaaaccaata ccttggagtc cgagtcggga acgcgatcag cccaagcagg cggcttctaa      240
aaagatagca actgatacga tcaactcaatc gtcaatcgta cacgagactc caaagacagc      300
tggaaggcca ggctcgagac tgcgacaacg acacccaata ccgacgttcc aaaacccgcc      360
ttcatcagaa tccgaatatg acatggaaac gagaatccca gatgcccaac ctctcctcaa      420
tatctcaatt aacccaaatg cggttcgttc caaccgagcc gtgcgctctc cgctctctac      480
aaacaaacca atggctacac caccatgcgc ccagccgagc aattccacac aaacatcagg      540
ccaggatgca gttgttccaa gcaaaacatc tncggatagc aatcgacggg tagaaanggg      600
cacaagcccg g                                     611

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```

<210> 1772
<211> 628
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(628)
<223> n = A,T,C or G

<400> 1772
gattgggtctg ggtcaatgag cccgaccagg acctcggcga tggacgcgtc gtcaacggaa      60
agtcaagact cttcagcata ggctataact ctacagtcac cgaatgggat ctcgagacag      120
gacggcccaa nagcacgccc agcggccaac atggagacat ctgggtgcatg gctgctcaac      180
ccgggtggaag cnacaaaacc ggctcggcgc tcnattccca agactctacc aagcttgtcg      240
ccggaacaat tgatggcgag cttgtcatgt actcgattga ggacgacgac ctgctgatttc      300
agcgagttct gttgcgatcg cctaccaaga aggtcagat ggtcagcatc accttcagtc      360
acgcagagtc gccattgtcg gctgctccga tagcacgatt cgagcgtacg atgttacaaa      420
gggccacatg ttgcgcaaga tgacactggg cgctgaccat ganggtcgtg ctaaagatat      480
catcgtcttg tctgcaagtg tctacccaac ggnaacatng tcttgggcga atncacttgg      540
ccaagttttg ccttttgga tggaagaca tntcccagc ccagcgaat tcagagtcnc      600
aagccgggtg ttnttantct ccaataag                                     628

```

```

<210> 1773
<211> 442
<212> DNA
<213> Fusarium venenatum

```

```

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 1773
ggacagaagg tgtcgccagc taacgatgcg agggagactg atgcgactga gaccgoggaa      60
tttgatgggt tggttggtcc aacattggcc tttggcttgg ggacgcgtgg ttgttttggc      120
agaagattag gctatcaaca gctgaaaaag tccatttcta ttttgatntg gaacttttga      180
ctattgcctt gtcttaagga actctctagc tatcgtacca tcyaaaggtt gactagcatg      240
ccagaacatt cttacatcag gctggaaaag atcgatttga caacaccgg agtagactta      300
tatatcattc gaactggttt attcnggcag ttttcttgac acatttncct ttgcacttaa      360
taacaattga gtatgaaaat tcagtttgaa tatatcaaca actaactctc aattgaccac      420
ngaacacttt gtttttattg gt                                     442

```

<210> 1774
 <211> 571
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(571)
 <223> n = A,T,C or G

<400> 1774
 ccaagcctca aaagtcgcag tcaacagctc ccagcaagtc tgttgccctca cagggccagt 60
 tcaactctcc catggagcct gctgatgagc tcttcttcaa caactcttac gacgaccgag 120
 cccgctcaga cagccctcct caattcactt actcgactta tcccgctccc gacgagatcc 180
 tcttctatcc ctacggctcc ggcgagcacl acccagccat cacaaccgct gatgcctacc 240
 ccaactacat gacagcgctc acagtgccta tgacactccc ttccatgaca catttcagcg 300
 atgccatcaa gcgagagcca acatactcta gcgacgaagg actcgctccc tacatgacat 360
 acggctacat gcccccgatg gacttcaact ctggtagccc atacgatcag aacctcatac 420
 tcttcgctg tgcattctt tcgaccactc gggcaactgc tcagaagctg gctacgacta 480
 ccgaccacgc ctctgtcaat gcttagctcg ccaatatgat tcagcatcaa taaggcata 540
 ngcaggcatg attgtgagat gcagcgactt t 571

<210> 1775
 <211> 622
 <212> DNA
 <213> Fusarium venenatum

<400> 1775
 agaagtgggc tctcaaagag aagcttctct agctgccagc ttcttcatgg attctgtaca 60
 cattcgagaa cagggcaagt aacctgggtg ctgggtggaat caccagcag accactgcaa 120
 tggcagagaa gttccgtcaa ctccagccagt ccgagatcga tgacctcacc gtcagaggcg 180
 ccgccaaacc cgaaaagaac caggagaact acaaggcctg ggttgaggca cagcagcccg 240
 cgcgcattca cctagccaac aagtctcgcc gtccgctggc attcctgact ggcaagcctg 300
 agaagcccat catcgatgaa cgcctgcccg agcgtccaaa gggctcatat gccatgttcg 360
 tgacagagaa ccactcgccg tttgccagcg ccggcccgcca tgagggtgtt aagctgcttg 420
 gtgaggagtg gaagcaaata agcgcagctg agaaggctcg atacgaggag aaggctgcgg 480
 agggcttcgc caagttcaag gctgagatgg acaagattga tgcccagca gaagccatca 540
 aggaggccgg ttgcccac tagaggaaact gaatgggata ctgcccacat gatgtagtat 600
 tatgtataaa gcactatatt cc 622

<210> 1776
 <211> 489
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(489)
 <223> n = A,T,C or G

<400> 1776
 gcatcagcaa ccccggtgccc cagccagggt atcatcccca ggcgcaacag gccagccgaa 60
 tctgccatct cgatccaaca gtacccgaga agctgtcttg ggcctctgcc ctgcgcgcgg 120
 ctggaataat gccggcagag atgccccaaa ctgccttctc cttagagagc caccacaccc 180
 ggcacctcct gctgattctg tgcggaaact cgatcagata atacagaatt tctacgcaaa 240
 ggcggtctgt ctgtgtctcg actcacgtat taaatccaag cctgcacggg gcgctaaccg 300
 cgcgcggaaa cccaataaat ggttccaaat cgagacagat gagattgacg attttagaga 360
 tgaactcaag atctggaana aatgtggtag cctcgataac tccctcctcc aatggttatc 420
 gaagtttatc ttgatgcctc togaataaag gnnagccgaa tctcgtctgt tcaataaaaa 480

<210> 1777
 <211> 1015
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1015)
 <223> n = A,T,C or G

```
<400> 1777
gaagggaagg ataatccctt cccatttgcg ttgcttcggt tcgcttttcc tccaacttct      60
cctccttggt tctttctctt acctattatt ccccatcctc atcagaaaca acctccctt      120
tttaggaltg agcgtgcgtg tcttggtttt caagcaccac agactattcc ttaccgacaa      180
cacacttaaa gagcttttgc gggcattctc tcgaccgcga ccttttccca caaaaaaaaa      240
cctcggttaac ccgccccaca tgcgattctc aaccgccatt cttttcgctg gcaacgcctt      300
cgctgccgtc cagcaagagt gtctcgccaa ccacaacgag gacctcgctg cctttgccga      360
ctgtggcaac aagggtgccc tctttttttg cctcttcaac cttaaggaga ccggatgagg      420
gcgncctcaa gacctgctac acctccgctg gctgtgccga cgaggatgcc gccgcgagg      480
ctcactacac cctcgagcga tgctcagagc ttcgcaaagg ccggcgagct aaagaagcgc      540
tacgaagctg ctatcatgcc gactctgatt nccgacgctg aggccgccgg caccatcacc      600
aanggccccg agcgtaccgg tgggtgaactc aagaagcgtg ctactgacac ttcaagggga      660
acaaaatgct tcacaacttt caaaaagtcg actgagcagt gcgatctcga gaccgtttcg      720
gataagaccc agactggtac ctgctacagc acccgagatt aagcaccagc acatgcccgc      780
agcgatgtta tctgcaccac cgactcttcc ggtgaggaca tttgcatggt taagaaggga      840
aatggacact gccggtatca ttatcgccat tggctttgcc ggctttgccg ctggatgct      900
cggttcctt cctttcatgt gctgccgtga ccgcaaggna caaaaacgtt ttggtcgcca      960
gtccgaggct gttgcttttg ccgtgccgca caaagaacan cgcgcttggt aacgt      1015
```

<210> 1778
 <211> 544
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

```
<400> 1778
ngngggcctt ctngggacct agctcgtcca tnttgatggc tgcgttgagg acaatgagac      60
gagcagcgtc tatttcgatg cgggacttgg cgatccattc aataataaca ccgtgctcgc      120
ggaggagttt gccgaatggc ttcttggtt catcggtgac tcggaggagc atccantcac      180
ggtttctaaa gctctgcatg ccccgctcgc ctgtcantcg ccgttcccgg gcgtcttgac      240
gtagagggac agggatgcat ggccacctcg gcttgtgcct tttcngacgt gttctnttgc      300
tctcgcaaca aacacaccga ggctcggtc cgattactct aggacgacgg gcatccactt      360
agggggagct ttngctnctg qnqgcttttt ggaanantat ttattntatg ctgcacgttc      420
tngggggggt aagaaccgta ttcanaacta cctttgntng cgtgcaccaa gacnagttc      480
cgggcaaanon tttgtttaan aaacatatng gttggcagnc nctcttaate aaatatgtct      544
aat
```

<210> 1779
 <211> 623
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 1779

cttctctcaac	cgtgcagcgt	gacctgtctt	tgctctctca	ctttgtataa	ctgngactcg	60
ggtggcacat	ttntctcttc	caaacacacg	atateccctac	cacctctcct	gcgattgacc	120
cagtgtctgt	gcacataaca	tgatgttagg	ctttgggaaa	aaacccgaca	ctaacgcttc	180
tgatgaagtt	caccacaacg	atgaagcaca	cacgtcgcaa	gatgatatac	ctcaacgacc	240
ttggactgaa	actgccctcc	ccgtgttcgc	ttgnggngcc	ggtnttttct	cagacgggta	300
tatcaacaat	gtgatcggtc	cgcaacacca	cactgagaag	gcaatacggg	gatgtctacg	360
tcaactcgaa	tgccttcaaa	tatgtgccga	tattgccttt	gcaggcactg	ttgttgccca	420
actagttttc	gggttcttgn	tgancattgg	gcgcgcccaa	caacctcatg	gggctactgg	480
tatttttatn	atcttccactg	ccttggcagc	tggatcgtag	tggcatggac	naccccgtag	540
aatgttcaac	atgcttacct	gcctgngaa	tttttgtg	tnntggaaat	cggnggggaa	600
aaccaacan	ggagcgggtg	gng				623

<210> 1780

<211> 620

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 1780

agccatacta	agcctcgcaa	catcctcaca	agtcctcttc	aacggccatc	tcctataaat	60
gccttctctc	gaactccctt	cagtcacaac	ctccgtggct	ctcggcgaca	tcctaggttc	120
caaccgcggc	cttacatctt	tctcttctct	cgcgcgcgat	cagccctcca	ccgacacgcg	180
cctctccgac	ctgtccacca	acaccacgt	cctcgcgcgc	ctgaattcgg	ccgtcgatgc	240
gcttcgcgcg	aaaccgtggg	agcaacctgc	tgattacgat	gcgtttggcg	cggatgcgta	300
cgaggggtgat	ggtggacagg	atcgtgcaaa	ggagaatatg	aggcgcttcg	tggaggcgca	360
tctcgtgccg	gctagtcctg	ggcagaagga	ggacaagatc	aagaccttgg	gcggtaagga	420
ggtttggtgg	gttgtcaagg	atgggaagaa	ggatcatcat	cctgatgagg	tggaggttga	480
gcgtgtggcc	agccaagttg	gtaacggaga	gctttggatt	ctcaaaggag	ttttgaacta	540
cgcttagaat	tgcgacaaca	cgagtaatat	tagattaatg	attattgnac	acagctnaca	600
acaagccaaa	tactacagna					620

<210> 1781

<211> 583

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(583)

<223> n = A,T,C or G

<400> 1781

attattttat	ccttctctgt	cctcctctga	acaaacactc	tcccatcttg	acttttgcac	60
cctcctctct	catctcgaa	aacacataaa	ccatgctcac	atcaaccttc	ctcctcagcc	120
ttatcgggct	tgcagcggcc	tcaccggctc	agcctcacat	cgtaaggac	cctaaataac	180
catcacgtc	gacatcaaa	ggcttcaagg	ttgtcgtcaa	cgtaacagat	cctcctctag	240
attttgatcc	tcccatccaa	aacttctgag	tcacccggat	ccnaccgga	gcgggctcgc	300
ccttctctgg	tatcagcgag	aaagacgccc	catcttctac	cagaacggca	caaangaaga	360
cgtaaaaacg	gcgaagctac	cgtaatcagc	gacgggtgga	ctcctctgac	tccaacggta	420
ttggtctcgt	cccgataana	aaacaanaat	cttttctngt	ctacgctcaa	cttcanctgt	480
gtacgctggg	gtcaattgaa	ccanctgaag	accctaccta	cttggtgccc	anactttgtt	540
gcttggtaca	agacataaaa	tataccgtgg	caaaaatctg	gtc		583

<210> 1782
 <211> 629
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 1782
 cctagacttg aactcacgct ctcggttctg agtgacgaat ccgataaatc tctcgccatt 60
 aaggacagtt cgtcactgtc gccatcgcca gcattatcac cctcaccagc acgatcacaa 120
 cctccttcgc agtcgcagtc cccatcatcg tcaccgtcgc catcacccca cccgaacacg 180
 ggttcctata ccgataactgc tgtgcaaccc gtgaagccca ctggccctta tgttaagaac 240
 tcggtttacg ctggaagggc acttgctgaa tgggcccay tcattttcga gtgcaacaac 300
 ttcacgcagc gccgtcgtga cgaaggaatg gcaagtcttg ctgatgtgga aatcctgtac 360
 ttggagtcga ggggtttcgc aaggtcggtg gttaaaagca atgaatctga gataccctta 420
 ctattaaaca cagcacaatt atgctctact ttctttggca cacatgcttt catttcattt 480
 atatttttat ctttggttct accatcaaca gtggatnggg ggcataattg cttttctgcc 540
 aaacatcgga gtaccatcac catacattgg gggnatnttt ctgccttaaa accaaaatca 600
 gaancagggg ggctcaagtc gttctttgg 629

<210> 1783
 <211> 713
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 1783
 catcgatcaa agtctctccc tagcaaccaa acctccaaga agtcgctctt ttccaaaate 60
 tcccgtcgcc tctctctcgg cccagaaga cgcgccgatt cagtcctct atacgacgat 120
 agcgacaacg atgacacagt ctgctgaatc ccttcagagc ttcaacagcc acctacccaa 180
 tcacgcttcg ctgcgcgagc ctcccgatc tggctcgtat cttcggcaaa ccagttcgaa 240
 gaagacttct cttcacccca gtccccaaca tatccctcgt acgggggcac atacgtccca 300
 cggcatgcag caagcgactt ttccaagaca gccaccaatc gctgaccat gatggtagag 360
 gccgacgaga cgacgctctg ctcatacaac taccgcaccg acagggacta caagaagctc 420
 cagcatgact gacagcgagc ccgatctgga tcctcgtgaa caggcactra gagccttgac 480
 tacgagacgc agtagcacc cttcaagtcn gacgagcaac tcgaacaatg actatatctt 540
 cttctcgaa cagcgacaaa gtagtgtaga tgcctggcat cgaaaataag ctgctgcatg 600
 ggctgagctt gaacagaaat cagcagcaat taaccacagg gatgagcggc accgatcagc 660
 tcacccccgc gcaggggggc acacacagca cctatctggg tttggctggc agc 713

<210> 1784
 <211> 767
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 1784
 ntttccccctg ttctgacacc agtggtctgan tgttctgaag agattgccga ccaagagcca 60

tcgaatgagg	ccaagccgga	actgactgaa	agcacctctc	ccgacctgac	acaacgtcct	120
gccgcgatgt	tgtctgacct	gcagtgtcac	aagtcggcgg	agatgctcaa	gtcgttccca	180
gcgcgcgcaa	cctcgatgcc	gccaacctcg	gcctggctcc	cgcttccag	gcgatgctgc	240
tttcagcctt	ggcaactctg	accttctgcc	aacgtccctt	gacgcagatc	gctatgtcct	300
tgaaaacggg	tatctctctt	catccgactc	ctcaattatt	ggcgacgata	atctgggttg	360
tgacactccc	gcgttcaacc	tcaacgacga	cttcgacatc	agcctctggc	tcaacgacga	420
cagcgccatc	tcatacagaat	ctatggcaac	gagcgacttc	gccgctgcga	tccagggcct	480
cgagcccaag	atctatgaac	ctgagaatca	agtctcttcg	gaaaatccta	tccagcagcc	540
ccatcctggc	gcgtccactc	aaggatgcga	cgttgggtgg	attgcggttg	gtgtctgana	600
aatgcgagga	cagggctcgag	gtcttgangc	gcggaactga	cggatccgcg	gccaaanctn	660
ttgacaggat	atctgactaa	catggctttg	ccgtcgcgtg	aactactgat	gacaattctg	720
gggacaatac	aatnaaaaaa	cgtcacntta	acgtgnaatg	gccnaen		767

<210> 1785

<211> 166

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 1785

tcgtgatggt	gacgaggact	tttacaagct	caacagnggc	gccactgggt	tctaccgtgt	60
caactaccen	cctgagcgtc	ttgctaagct	gagcactcan	ctngacaagc	ttagcaccga	120
agattagatt	tctantattg	gntctactgn	tgaacttgcc	tttgct		166

<210> 1786

<211> 425

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(425)

<223> n = A,T,C or G

<400> 1786

taaatacacc	atgtttgacc	gcaaggctaa	gcgttaccgc	aagggtattc	acaagctacc	60
caagtgggac	aagagtatca	cagcgagtca	acccccctgg	ttactagaga	atcgatttca	120
cgaggctcgaa	gaagcaggac	taccgggtcg	aagatcatat	ggagaacggc	gtattcatcc	180
cacaatggga	attacaagca	gatccatgtt	gggttacatg	tacaacacct	ttgtttcaat	240
tacgaattgc	gagataatga	caatatttgc	caaaatacaa	cacaaaagct	ttggctgcgg	300
cctatatgaa	agtgaaggga	tagattaagg	atgcgcattg	gacngaagac	aaaggaaaac	360
atgccacaaa	ggcacatagg	tagtaggaat	tgcagggttc	ctcaattgat	gaagtcttct	420
ggttt						425

<210> 1787

<211> 389

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 1787

ctcaagggtc	actatgtccg	agttcgctac	aacgaccgtc	cagttctcagt	ccctgqctgc	60
------------	------------	------------	------------	-------------	------------	----

aaataccagg	gcaagcacct	cgatggcgat	gagtccttct	gcaccctaga	agccttcaag	120
gaaatcgtgg	acaagtacac	acctaacta	tggagaaaacc	agtgtcgtgc	caacatgaag	180
gaatctgcgt	ttccttccaa	gcccgaacct	tggggttact	gaacgtgtga	gcagcaggat	240
ggctcaagat	acaacgatga	tgcgagttta	gactagtctt	agcgttggag	tttaagtgtc	300
ttcgttagac	ttagacatta	gaacgattgc	atatttatac	gcaaggtgtg	gctatcccta	360
aggacaagct	taatgtgata	aanaaaaaa				389

<210> 1788

<211> 457

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 1788

gtcttcgact	gcactgacat	ctttccgcaa	taccattctg	caataccttg	cccataacac	60
accctctcta	tccatgtttg	cgaagccttc	tcaacaggga	cccgtgacac	cagtagtcat	120
gatcattttca	gagactcatc	ttacaacgac	atccgcttca	gctgacagtt	tcaccgcaca	180
tcggtctcctt	ggtcctgaaa	tattacagca	tcttggggtt	ggcatgattg	agtttaacgc	240
catcgcgcca	tctttgctcc	taaaagcact	cgaattaatc	gccaaaagga	agcgcggaag	300
tcgggacgaa	ggaaaacccc	gggtccccag	gttctgaagc	gtctcgggtg	agatcgggag	360
acatcagaaa	cgccgcctcg	tcgcttgagt	tctttgcttg	aangngacca	acaaggcgaa	420
tggggcacaa	ggtggctttt	ngaagcagac	caagggt			457

<210> 1789

<211> 1061

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1061)

<223> n = A,T,C or G

<400> 1789

ctggaagaat	tgcggggccg	caggaatttt	tttttttttt	ttttcaaaaa	atagctatca	60
ttggtaaata	aaacaaaaca	acacgctaac	tgcacaatgt	atctagaaat	cctttcagtg	120
ccccgaatcg	ccataacata	atagctaaca	caatatcgaa	cttgatctg	actgtctctt	180
tgtttctcat	ttcttcccaa	gcattttctg	gagagcatcc	acctcagcct	ccctcctcgc	240
aagctgaagt	ctcatatcat	cgcgttcatt	cgltcatggca	gccagtgcct	cctcaagctc	300
ggaaatacgg	tgcaggcgct	tctggcggtg	cttgccgcgcg	gcaagagtgt	tgcgctggcg	360
cttgaggggtg	acngctgaat	cctcttcttc	gggagaggat	ttgcgtttgc	gagatgacca	420
tgatgatgag	ggggaggggt	gcaaagaaaa	ggtggatgtt	cctgggatgg	aggatgttga	480
tggtggggat	ttgtttgtaa	ttgttggtgg	tgggggatga	ggagtgcctg	atggtgaagt	540
tgaagaacgt	tgtctgatgg	gtgtggtaga	cttgacattg	acgagaggct	gtccttgagt	600
gaggaagcca	tcttcagcca	catcgaagca	aaactgcgtg	tccaaaacgt	tcaagtcggg	660
gattcataatg	ttgttcgaata	acccatgacc	actaaaagttc	tgaacgacat	tctgggtgggt	720
ggtgggtgta	ctgttgatgt	tcccgaaaac	ccacgtcgca	tcatcaaacc	cgttgtaactc	780
ggtatgggaga	aattccaaaa	agggagaaac	gtcctcaaag	agaagaagac	taggatcgat	840
gctgaggtcg	ctgttaggca	aagacgctgg	ggcagcgagc	agactaccag	gacatggcgg	900
agaagcggtc	gcaggcagcg	gacgatgcgc	acgtgctccc	cattgattca	agtttaagggg	960
gttgcgggct	cccttaacgt	tgcagagagg	ccgttagggt	agaggagaaa	gatggagatg	1020
gagaaaaaac	ggactgtccg	ctttttctgt	tgatgatgga	g		1061

<210> 1790

<211> 472

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(472)

<223> n = A,T,C or G

<400> 1790

ctacggcgct	ccctcacact	atgggtgctcc	tcttgggccag	tctccctacg	gtgctcctcc	60
aggccagtct	ccctacgctc	ctccaggcca	gtcaccctat	ggtgctcctc	agggccagta	120
tgggtcaagag	ggtgaccgcg	cctatgggtga	caacagcaac	aacccttacg	gtcaaggaga	180
gaagaanaag	aatggcagct	ctgggttatgc	tctctgggtgc	cgctgggtggt	ctcgcacttg	240
gtgctgtagg	tgggtgcctg	atcgccaacg	aactcaacga	cagcgaatag	cgacaaagaa	300
aaacatgccg	cccgtgccc	ccgtgctgc	tccctgccc	tgccccctt	acaacaacac	360
ctcaattttt	tcaacaacta	ctacgtgctc	ctccccctg	aagatttccc	tatgccaacc	420
cttntcccca	aaaaggcccc	cctgnntttt	ggcctgcccc	cgaaatcnaaa	tg	472

<210> 1791

<211> 632

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 1791

aactcaccac	ccatggggcg	ttcccaaate	attcaagact	acagactatc	ttaacaccga	60
cggcaagatg	aagtggcacg	aggagtcca	cagctacctc	aacgccgttc	gctttacaga	120
tgtttggcta	ggcgagttgc	ttcagacttt	tgacgagtat	ggcatgacca	acgagacatt	180
ggttattttc	gtcggcgacc	acggacaggc	ttttaaggaa	gatcaaaagt	ctaagatcgg	240
aacgtacgag	aacgggcgat	ttagcaactt	ccgcgtacct	attaccttcg	tcattcccat	300
attcccccg	tgcagtacaa	cgctaaccgc	acatccctct	ctattcttcc	caccatcctt	360
gacctgctcg	tcaacacagg	atcactgacg	agaaggacca	aaacgctgcg	tcagacctna	420
ttcacgacta	cgaaggacag	tctnttatcc	gaccatacaa	aactattaca	acggctgcgcg	480
cgcgtgggac	ttngggttat	taaatggngg	ngcgagcatg	ttgtccatga	acttctggcg	540
atgcaccatg	gnggattngc	attccccctc	gatgacttta	cgcaatattc	gattnaccca	600
tntnaaaaaa	aacccccctt	gaacgtaggg	nn			632

<210> 1792

<211> 394

<212> DNA

<213> Fusarium venenatum

<400> 1792

cttcgagagg	aagcacaaga	agtgcaagaa	gcacatctct	ttgagaagca	tctccacca	60
ctggggcaga	catgcttact	acgatgacgc	aaagaaggag	tgcattctgc	acgacagcgg	120
taaggacttt	ctcaaggagg	acaagacctg	cgcttgctcc	caaggcgaga	agtggaacca	180
catcgagcgc	aagtgtctca	gacactaaga	gtgtgcaagg	ctgatttggc	ttgtaattat	240
gtttcaagtt	caatgtttct	ttactatact	gttggtctct	gcggcagtga	tagcaaacag	300
gttcggacat	ggatatggtc	attcgggata	gggcttggtt	tgcttttggg	aacattctag	360
ctagtttgct	cttcaatcat	taccaattaa	ttac			394

<210> 1793

<211> 597

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(597)
 <223> n = A,T,C or G

```
<400> 1793
gctgatagtt tgaagtcgtc catcaaaccg aaacaaaatg gccgatattg ctggagacgt      60
gtccctggga ctcacttacg cgtctcacca atacgggtgat catagccgcc agaagctagg      120
cgtttggcgc ttctctaate gctccgatca gaagtcaggc tattgggtgg tcttcatcca      180
cggggggtggg tggcgtgata ctgtaacaa cgagaatgat ttcaccgaga gcataaagcg      240
tactgtcatc tcaggtgctg tcgcaaccct agatatcgca ggtttcatta gtatcgacta      300
ccgactttcc cctcatccag agtttcccca ggaagcagcc accgcaaagc atccagatca      360
cttgaagat atctggtcag cettgaatta tgcacaagaa aagtatggat tgtcggagaa      420
ttacatactg gtcggtcact ctgctggcgc aacccttgca atgcaacttt tgatgaagtg      480
acgagattct cccatctcat ccaaggacct tgctgcgcca taatcggatt cagctctaca      540
actatcgata acaaaaatca tggcgattct ggttcatgat ccattggcaa ganatcg      597
```

<210> 1794
 <211> 626
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(626)
 <223> n = A,T,C or G

```
<400> 1794
agctcaacga atacagcgga tgtcgatact ggtcacaact tcaaaccact cacactaaca      60
acaccgagcc cttatgccaa gacgagcccc tctgtacaac gatcaactgg ttcagctaca      120
ccgggggcca gtggtcgaag actgcctatt atacgcagcc ctgacgctcg cgccacttca      180
gcgtcgcccc gagttgaac acccaccagg cgcaccact cgagcctgtc attccgagaa      240
aggcttgctt cccatgggtt aaatagccag cctttgccaa agcgcgtctt ggcattctcat      300
ttgtcaacaa ctgctctttt tggtagacga tcatctctac aggccttctag gtccattgga      360
gatgacggcg agaaccacac tagcagacct gccagctctc ttgctaccgn gtcgaggagg      420
atcaagtctt ntccccaccc aaatcggaca cgggacgagc gagtccgctg cctagcgggt      480
gcgcgactgc atgcgcaaac cttttcagcc gagccaaang atacaaagnc aagggggngg      540
actgnaaacc cccgtatggg catatatggg ataacaatat ttcacttttt gaaaaaggtg      600
agcettattn ttactggttt atgaaa      626
```

<210> 1795
 <211> 572
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(572)
 <223> n = A,T,C or G

```
<400> 1795
cctgaatctc ggcnagaaaa cagaccctca aatcgttggt acgtcaatag gttaattcaa      60
agataacacc gagtggatat aagtagctgg tgtctaggaa tagtggcgag ccaagtggcg      120
aaaaccccaa tgtcaagcga tctcggaaca aaccgaatag ctgccgagat tgaacaaata      180
acgataggcc ataaataaag ccattcatat cattaccccc acctatcatc aacttcgctt      240
tctcaactat cttcacuall cgacaaccat caaatgloc tctttcgong tctgaaaaga      300
catcgaccac ctggtcctaa cctgccaaga catccaagtc actataacat ggtacacgaa      360
gtaoctaggc atgaaatccg aaaccttttg tccgaatcag ctctctgta tgcctctcaag      420
tttggcacac acaagatcaa tcttcaccag cgcgglaaag aattcgaacc aaangctaga      480
acngntttgc ctgggactgn tgatttgtgc tttattcttg aaganggaac ggatctgcaa      540
ggaatgatca cggaaattga gaagganggg at      572
```

<210> 1796
 <211> 359
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(359)
 <223> n = A,T,C or G

<400> 1796	
ccgagacgga cgctctcgag cttacacagc cgactcaacc agnagcagtg actccgactc	60
tggtgatgac cgaacccgaa gtgacgatcg ccgccgacgt agggatgagg atctcgcccta	120
tggcaagtca cagtatgaca accaatcaag ccattggaggc tccanccatc acggnggttc	180
ntatgggtggc caacaggggtt atgggtgggca gggatacggg qaacaggggtg gatatggggg	240
ccgatactaa ttntttttgca tgttgagtat atgatatagg aagatataat gaggtatgaa	300
tacacagacg agacaatagg cagctcggag tggaaatgaa aatatgaatg tttntttat	359

<210> 1797
 <211> 834
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(834)
 <223> n = A,T,C or G

<400> 1797	
ctctgttctgg tgcactgcgc tccgctttga ccacgatgcy accttcaacc tctggctttc	60
ttttggacgg cgggttgcat ctaagcagtg attcttcttt ttgaggacac ttccatccat	120
atgggcaaac gaaaggggtat gggaataaag cagagcagaa ccaaaccgac actcgtcttt	180
gttgatggcg aaggcttctt ctccaccocg ccgctctcag gtaatggtaa tgttcaagaa	240
caaagcaatg cgaatcaatc aaaacaacga cataacgaaa ccgcgcctct cttacctgtc	300
gcaactcctc cagcacagac tcttcaacgc cgctctcttc aaaatcaact cgtgagctgt	360
tgacaacctc gtcaatgatg gccttataga cgctgccgac tgcttggttc gacatgatta	420
cgtctgttgt ccgaaacgat cggtcgatcc gacttgaagg ttatcaaaat gttgggtctcg	480
tatcttggct ttgatgggtt tgcgcocgct aagcaaatat tgccgttatc gtccttggtc	540
taggcacgct ggtggccttg aagtcgatgg gggcaagatg caaatagtca atgcggcgcg	600
aacgggagca ctcttttcag aanaatagtt caaagctttt tcaaaccgca aaggtgagtt	660
ttatgggtga tgaccggact tggcgtaagg aacttagatg taagtaatct agtacttgcg	720
ctgcgtctat ctgcggaagc gacnaaaatc ggccaaggat caaaataana aatcaatttt	780
tncttacaac acaaaaaaga atggaacnat taggttgccg ttaaaaaaaaa aaat	834

<210> 1798
 <211> 539
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(539)
 <223> n = A,T,C or G

<400> 1798	
caataaccca actttctcaa tcatgggtcg cgaactccaa aagaagaagc cagatcagggc	60
cggcagcccg ttagacagct caacagatcc aagaaagatt cttaaccccc gaggcaacga	120
tgctattgct aagagctgga acaagaagga gactctctca cagaactacc gtcggctcgg	180
tcttgtagct cgtctcaagg ccccgctggt cggaacagag aagaactcag cqaaccaca	240

accagcgcct	acgccaacga	ccccttcgcc	atcgccacga	tcgaaaacgc	cgtcgtttcc	300
gaagcgcgcg	tggagcgtga	cgccgacggc	aagatcattc	gcacatcgg	atccgccaag	360
cccaaccctc	tcaacgatcc	tctcaacgac	cttgacgaag	gtagcgacgc	cgaagacaac	420
ctgctgaaga	atggggcggt	atcgccgaca	atgccgacna	agaaganatg	acagacttgt	480
caagcagctc	ctcgagcagg	ccaagcacct	gatctgccaa	gaaaaacaca	gantgtccc	539

<210> 1799

<211> 289

<212> DNA

<213> Fusarium venenatum

<400> 1799

tagatgatag	aagtcgataa	tcatgttaat	taatgtatac	aagatatcta	taaatgcaac	60
aacgcctttt	atcatctatc	ccacattagg	ccataatctt	agtttgatcg	gcaagtgaag	120
ggagcatgag	cggagcccg	gctgggtgata	tcaatgatat	ccttaatagt	agcataagta	180
ccggcaccac	gggtaacaat	accgatgatg	aatgcaagg	tggtccccc	gctcatgagt	240
aagttcttct	tctcaaacca	cttaccctcg	caaagcaaga	cgaaccaca		289

<210> 1800

<211> 524

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 1800

cctgagatca	acacccttct	gttcgactgc	gacaataccc	tcgtcctctc	tgaggagctc	60
gccttcgang	cttgcgctgg	tctcattaac	gagatctgcg	agtctcgcca	ggttgacatg	120
cgattccactg	gcgagactct	catcaaggag	ttcgtcggcc	aaaacttccg	tggcagtctc	180
accaccctcc	aaaagagttt	caacatcgac	atctcccccg	aggacctcga	gacctacgtc	240
cgaaggagg	aagangccgt	catcgccaag	ctcaaggagg	ccctcaagcc	ttgcgttggt	300
gttgatgagc	agctcgagaa	cttgctgctt	ccggaaagta	cacaatgtcc	gttggtgtct	360
cctcagctct	tcgacgaatt	cgtgcttcca	tcgaaaangt	tgggcnggac	aagtaactcc	420
ctggcgagct	tgtcttctct	gctgccacaa	ntctcgagaa	cctaccanca	agcctgaccc	480
gccttttttc	tccccgctct	anacaagctc	cgcnaaaaag	gcga		524

<210> 1801

<211> 782

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 1801

gaatcaabt	cgccatgccc	aaacgaaata	aggattcagc	nggggttccc	tagcttacac	60
attcccgncg	gactcaagaa	tgcgagctat	tcanaatacg	ttttaccnaa	atttatnttt	120
tttcttcaca	gcctcagtga	atcattccct	gagaaaatat	ttctacgtcc	agttcgcqat	180
tcaaaatqtc	acagccagca	acttcctcga	cacctgtgaa	tgccgacacc	atcgcgccctc	240
tttcataaac	agctaaagct	agcgctgaac	cgctcaccga	cgagaagatt	gcatttgaac	300
agcgacaag	taacgacgat	aacctaccgg	aagtcgtggt	cgagccagcg	catcaatata	360
cccttcggca	aacaagcccg	cagacgagtc	ccccaccacc	cgtatcgact	gtttcgccctg	420
taccacagaa	cgcgatgtct	tgggacggaa	cacaatcgcc	ttcaatcttg	cagcatccta	480
gtcttgcgca	acagcaatat	gcaggacaag	agggcatgtc	tattcagatg	caaccgcaac	540
cttccatgca	gcgaagcggt	cncacagtta	cgcttttana	tttactagcc	gnccaagctg	600

attccgctga	ctgcccgttc	tgtcagcacc	agaccgagac	aaaagggtcaa	gaagtcagcg	660
tttggaaatgg	aacacgttta	cgccggcgcg	ctnttttttc	ggaacctttt	ttnggggtgg	720
ttggccttac	atthttggcat	tgngcattta	aacatnaanc	actactggga	ggaactgnng	780
nc						782

<210> 1802
 <211> 451
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(451)
 <223> n = A,T,C or G

<400> 1802						
tcaaggttga	ccgcggccca	gacggtgcag	gactcttgat	gaagtaacttc	cagcgcgagg	60
gaggttacta	catcgatgtc	ggcgcatcgc	agctcattgc	cgacggcaag	atcaaggtga	120
agcacggaca	ggaaattgag	actgtttctc	ccaatggtct	tcgatttgct	gatggcacag	180
agctcgaggc	tgatgagatt	gtattcgcca	cgggatacca	aaacatgcga	acgcagtcga	240
ggaccatgtt	tgccgatgct	gttgcnaca	aggtcaacga	tgtctggggg	ttcaacgagg	300
aggggtgagat	ganaactatc	tggcanaaga	gnggactacc	tggtattctgg	ttccatgggg	360
gcaacttggc	tatgtgccgt	attactctaa	ctatggcttt	gcaataaagg	gattggaann	420
ggattgttnc	ttatacattt	tgaagtctac	c			451

<210> 1803
 <211> 581
 <212> DNA
 <213> Fusarium venenatum

<400> 1803						
cgcagcagag	ctggagggat	gaaatgacaa	agacgacaaa	ggacgcaaca	gttcaagtcg	60
aagaagcaac	tagttatgcg	cagctgatgg	agggccgcta	caacgccatt	tcctcccact	120
ggcaagacca	agcgaggaa	gttaaaagag	cggttaccaa	gatgaaatca	gaaatagatc	180
acctcaacgc	agaacgacga	gcagacgacg	acaaaataga	aacattaaga	gatctatgcg	240
accagcaaga	cggcaacatc	aagcagctac	ggcatgaaaa	agaggagatc	gctcgcaaat	300
tcgaagaata	taagaaaacg	caagagcaag	acctcaagga	catcaagacc	aacgccagat	360
tgagagaaga	cgagcaagaa	gcctactac	tagcgtccaa	agaaacactc	gataagctta	420
aatgggcact	caacgttaag	aagaacgtta	aaggcgacac	ataagttacc	tctccacacc	480
tttcaccggc	aaatggtgtc	tgcaactcat	ctcagtaacc	tttgccacaa	gaagtgttat	540
ccaaccatat	ctataattct	acctcatctc	tcgactggct	g		581

<210> 1804
 <211> 652
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc feature
 <222> (1)...(652)
 <223> n = A,T,C or G

<400> 1804						
ctcaaaaact	catcatcccc	agctctgcct	ttctcccttt	agagcctttt	tcatagaaac	60
ctctggcaat	ctaaacacgg	atactcaaca	tggtttacaa	ccgttccctac	gacgaggatg	120
ccctccctag	atctcgtgag	cctgagcaga	agccaggaca	gtccaggact	cctgccccgc	180
agccacacca	ccctccctct	cagcagcagc	agtatcagca	tcctccccct	cctcagcagt	240
atcaccagga	acaaccccga	tacgacaagg	ctctaccaac	ccaaagagat	ggcgatcttc	300
atctactagg	ccagggtcca	gcttctcaag	gttatatgtc	cccacctcca	aacactggcg	360
ggcgagagac	caggctcaca	accgtcctgc	tcccaactca	cgaactctcc	ttcgctgct	420

ctcgatggca	atggctccga	tcccacgctc	ctacctctat	ttcgggctgt	tgacaagatg	480
gatggtcac	ttctgagaag	aatatccgcc	gcgctgggtc	acgtgacgga	cgctttgatc	540
ccatacgtcg	cagatatacg	agttgatctg	atcgatggcc	tatcggttca	agaattgcgt	600
natgtctttt	ggctcntgaa	antctcacga	tcaccnacgt	agcgaactct	an	652

<210> 1805
 <211> 512
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(512)
 <223> n = A,T,C or G

<400> 1805						
ttcgccgtgt	ttagcagctg	tcgctcggtt	tttatcggtg	ctaacatgcg	tttcgctctt	60
ttatgttcaa	tcgcccttgg	ggctaacact	gccattgcga	gtgtttgtaa	acctcgtcag	120
tcgagtata	ccagtgttgt	gtccgtagaa	ggttacaacc	tcgactgctg	ctgtgcccag	180
ttctcctaca	agtacagagc	ttgagacnac	tggatgatac	acctcagcta	caaccatcgc	240
gacttcaggt	gtcgaagtca	ccactaccac	cactgagttt	cccacgaagt	gtcgcgacgt	300
caattttccga	acacgaaacc	accaccgaaa	caacaaccct	cgccgaaatg	actacaaccg	360
ccgctcaatc	cctagaaaca	ttccaagtca	tcgctccagg	ccacaacttc	caagatgaac	420
acctaatacg	tcgaaaatcc	acctcccaac	gaatgggttt	cgatctcgaa	ccagcgccaa	480
cctcccaacc	ctcacattct	ccatcgaggg	aa			512

<210> 1806
 <211> 611
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 1806						
gtctcaaact	gcacctcaga	accagatgac	ccagcatgct	gcgcagcacg	cgcacgctgg	60
aatgacaggg	agccctcgac	cgaagattga	gcctcaagt	cctctccaac	tcagaaagcc	120
acagtcctct	cccatgcaac	aagctcatca	ccctcaaaat	ggtgggcaac	ttcagagccc	180
aggaaacacc	acacctgggt	tgaacccaag	cgagctcct	ggacccatcc	ctgccacgac	240
ccctcttgtg	gttcgacagg	atggcaacgg	tgtccagtgg	atcgctttcg	agtattctag	300
ggatcgagtg	aagatggagt	acaccattcg	ctgcgacgtc	gagtcagtca	acattgacga	360
gctgtcccc	gagttcaagc	aggagaattg	tgtctacccc	cgcgcatggt	gccctaagga	420
ccagtaccgc	ggcaaccgct	gatgtacgaa	accgactgca	acccgtgttg	gttgggctct	480
ggccgagctc	aacatcccc	ttcgaggcaa	gcgangcctc	atccagcgag	ccgtggacag	540
ctggcgcaac	aagcaaccag	gaccctngac	tncgtagtcg	acgaagtccg	tcgcatggca	600
aagatgaacc	n					611

<210> 1807
 <211> 617
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 1807

tgacgttagc	acgtctatgg	aacccataaa	gtccagagtt	ccttctggct	tgtccgaggc	60
cgacactatc	gtgcccggat	ggcacaagag	agatagttca	tcagaaagtg	aacccgagag	120
ccccccatca	tttcttccca	tccaagaggt	cgacgagacc	tttgagggaag	aaaatgatac	180
ctttgatgga	gctagggacg	tcattgcccgg	cacgcctaaa	gcacccatac	agagcatcga	240
gcaggacctg	atctccccaa	cagacttgac	ccgtacccct	gagacccctg	atttcaacta	300
cagcttctcg	cacgactatg	atcgggaaat	ttcccttgaa	ctaccacctc	ttcgccctca	360
cctctgcccc	gaccaagaat	ggatccagct	cgacagcttg	ccgtccgttc	atcaagcatg	420
aactttgcag	ccttggtctag	cgacccttct	gaggatatncg	gctcttcaga	tctggctaga	480
actcgaatnc	gcgagggccg	agtctttcaa	gcaaggcccg	ccaggtnntc	acccacggac	540
tttanggttg	gnaccccntt	ggnaggcctt	tcttgggggac	cggaccgtac	tggtgatgac	600
cttgatatg	tcanca					617

<210> 1808

<211> 226

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(226)

<223> n = A,T,C or G

<400> 1808

ntgacagtgt	tcctgtttat	accncccttg	cnactcatgt	anctgcgtcc	ancaagccta	60
ctgaagttgc	tgtcaancct	aaagcngtgt	ccnagggtcca	ngccgtttcc	aaaaccaagt	120
ntnaaaccaa	gtccaagtct	aagcccaggg	ccaaatctna	gactgcanc	aagtcccagn	180
ccaangctnt	tggtaatggc	gcgtctgtnt	ctggttcatc	cacctt		226

<210> 1809

<211> 459

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 1809

cgactcaata	ccgtatcagt	tttcggcatc	tacagacaat	accaatcatc	tcaattactc	60
cattttacaa	tggtatccga	gtttggaagc	tctcccaaga	gagagcctac	accaactctc	120
ccgttatcct	ccatccctna	naagcgctct	ctnnaagagg	gtcgtcacag	tccgatcgng	180
ccctcgccat	tgaaccccg	agtcaaacct	tacgactctc	tggcccccga	agatgcctcg	240
caaacctcgc	gatcaaagtc	agtgcgcacc	aanaaagaaa	cattgaagaa	acgcgaatcc	300
aanggtgccg	acagngttcg	tgcgactcca	gacccaaaac	cgaaaacaac	gaagcagcaa	360
aaagaaacaa	aacgagtcga	gtccattccg	ntataagctn	gcncctccaa	ttggntgatt	420
tngatcccc	tnggggcctt	gtatgaccnc	centattga			459

<210> 1810

<211> 487

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(487)

<223> n = A,T,C or G

<400> 1810

nggttnaaat	cccancanc	aaactggnta	nttccttctt	gcatttgggc	taaggettgn	60
------------	-----------	------------	------------	------------	------------	----

ncccgatcag	ngaacccgcc	ttggaaacgt	ntgcgtncgt	gagtgcata	ctccactttg	120
ttctcctcgc	cagcaatgag	tgcctttcatt	ccaacgtccc	ttcaaggcac	tgataaggct	180
atcacttgat	ggctgcnact	ttccaagggt	gatggcttca	aaaagagaac	ccgtcatagt	240
caatagcccc	aaagattcca	togatatggt	cgtcgatcta	ggtgtaatcc	cggattgagg	300
agcccgcctc	aaaaagaagg	attggccttg	ttggtggatg	agntggngac	ttgtggatcg	360
caaatcccgg	cgttggcgaa	ggccgaaacc	gnganaacct	caaacancac	agcgaatntg	420
atcaaataaa	acctgtgtgg	ccaacaattt	acctgtgatt	tcattgcnaca	ttngcgaaat	480
ggcttttg						487

<210> 1811

<211> 827

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 1811

cgagacagaa	aaacctgctt	tacccaacgt	cctctttatc	tatcgcgcaa	agcgcaactt	60
gccccagctc	tgcctgttga	ctcatcacag	tgcagcgcg	cattgttcac	ccactcgcc	120
ctcgaatctg	ctttctttcg	cacctcctg	cccatcgtgc	tggttagga	gcgccttttg	180
tcttcggtea	tgttttgctt	cttcgtaatc	ggtacctctc	cgaacacata	tatccgcga	240
gcgacactgc	tgtttatgta	tcagcacgac	cagcactccg	tcttcagaca	cctctttaag	300
ctgcagttat	ttcgcatacc	gngaaagcct	tgtagccccg	acatcaattc	cgacggttga	360
aaacttagcaa	cactatagtt	gtctatgcat	taccatcagc	atccgatcat	cattccggcc	420
tgcacatga	caatcaaaaa	tcatacaagag	cactgaaacc	ctcgttgctc	cgcccatcct	480
caactacctt	gtgctatcaa	gttcatacat	gacatcctcg	tcattctcacg	accataccaa	540
ttactagcct	cgcctacctg	ctttgcctta	ccacctttac	ttactaccca	agtaactatt	600
caataccgtc	atcatggctc	tctgcaacgt	tgcgcgcgat	gtagcgatg	ctttctatcg	660
tacaagatgg	agcgttgag	accaanacg	aaggcaagga	aacgggatca	agaccgcgtt	720
gcaacttann	aagcgttgca	gccttacttg	cccgccccgg	tcctacgtan	tnaagtcttt	780
tggtttnaac	ttgnggccaa	accaacattn	tccaangang	acgttng		827

<210> 1812

<211> 607

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 1812

gtgcttgaca	tgggtaccgg	cactggaatt	tgggctatgg	atctttggcga	cnagttccct	60
gagggcgaag	ttatcggaac	agatatctcc	cctatccagc	cgagctgggt	tcccccaaat	120
gtaaggttng	agatcgaaga	cttcacccctt	caactqaacat	tcccccaaaa	ctcggccgac	180
ttcatccaca	tgcgcttcc	ctacggglag	gtccctgact	ggtacgccc	gtacgagcgc	240
gcatttcaag	cgaccaagcc	cgggcgttgg	gtcgagtccc	acgaagggtga	ccccatgggt	300
cttagcgacn	acaatagtgt	caagcctggc	agtgcacatg	ccgaatgggg	caagttcttt	360
ccacaagggtg	gtaagaactc	ggctcgtgct	tcacgctctc	ccttgataac	ctgcaagaaa	420
aaggcatgaa	ggcgcgtggt	ttcgtanact	tcaaaaacaag	aacaataagg	tctgtgggga	480
atgtggccaa	ggaagaancc	tcauggaat	tggcgaatt	acacactgan	catctatctg	540
atgttgaaag	acacattgct	ttcatggta	cctcttgaag	goggacaaaa	aacagtttgc	600
tctactg						607

<210> 1813

<211> 583

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

```
<400> 1813
gcatcttgct gagggctact cccaaggtac tgttgccacc cgaagaactt gctgggtctgg      60
acaattcaga ctcttgagca ccttgagtgg attcgccctt ggatgaccga gattctcggc      120
atggacaaga gaagagacgt tcttcgaatt atgctcttcg tcagtcagcc tcgatcaaca      180
aaggagattc acagtccttc atccacgggt caaatgttcc caggacgtcc caacatcaac      240
actctcttgg gtatggagca agancaacag gtcggcgcca tggctgtaac cgtgtgcggc      300
cctgggtgcgt taagtgatga agttcgactg gccgtgcgaa accgtcaaga tcgatctcac      360
atcgacttca ttgaagaagc gttcaccctg taagctgctt tgattgggtg aancctgggt      420
tttgggaattt tggcacttgc tggccanaca nctcacaatc ccgtccctgg ganacaaaaa      480
tanaaatatc tctctgctct cgacctttat ctgananata taccgtccaa atatcccgct      540
ctcttggggc acttgctagg cagacncatt tgaaaaaatt cag                               583
```

<210> 1814
<211> 626
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(626)
<223> n = A,T,C or G

```
<400> 1814
cgggtatctc ctgcaagcaa tcttcagcca aatgactggg caacccctct atctcaacca      60
ctgcccagtc cacaaccagc agcaagtccc caccgggcaa agagggttgc cttgtcgctt      120
accatggggc gggccccgat accagcctgg tccagcgatt caaacagctc tgccaaagca      180
gcaaataatc ataacaaaaa ctcgattcca cgacagaatc catctttacc aattaactta      240
tcgtgtctcg aggacgagag aagtcccaat cgtctcagtg ccgagctgca tagtcccaac      300
tctggcaagg gctatagcac atcgggggcg aaccgcgaaa acagtcctgc ggatgagggc      360
ggcgatccct tgtacgaata ctttcactga ctgtggatga ttggatgccg cctgtgggatg      420
ctgtgtatcg accacacgtg ggtcatcacac gatcatgcca cctgagatga aaggacaaca      480
agctnaagag caanggcaaa cggactttgc gtcagantga ttgatataat ataagtgcac      540
tgggtattgat gaattatgaa ttgntggnaa agtatcggtt cccggtctat atactttttg      600
gacttaggnt tttgggagaa gttttgg                               626
```

<210> 1815
<211> 526
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

```
<400> 1815
nttaaaatcc andntgggnc gantcaaaagc ccatatatga ccctggcagg aacctaaaaa      60
agggcaatcc tgaagataag atcagagcat ggccttcaact caagatcaac gagagcgggc      120
attctaaaaca aggagatttg atgaacactc tcgttcttca ccttgaactc gtctccagca      180
acgttgaggg ccttcaccca tcttgtgtat tctcttatad agttcagccc gacaattgca      240
accggttaca aaaccttcat ggtggctgcg cggctacgct ctttgactgg tgcacaaagt      300
tacctatogc tttggtgaac aagcctgggt ttggcagcat ttaggtgtaa gccgaacact      360
```

taatgttacc	tacatgcgac	ctgttcccg	tgggactgag	gtgctcattg	agtgccttat	420
cactcanatt	ggtcggaaac	tggcgactct	tgcattggatc	aatgaggaga	aaaagcgaca	480
acttactgct	agcgacagnt	gagcattggc	aagggcaaca	ttgatg		526

<210> 1816
 <211> 487
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 1816						
gggaattttt	ttttttttt	ttttttttc	ataactcaata	tcaagttgcc	attctttatga	60
cctataggtt	cgttgccatg	ggatatcggc	canagggttg	cgaggaaacc	agctgggaag	120
atattcacc	catecccgat	agttacctgc	tcccgaggga	tggtcggcac	acatgcggat	180
ttgactaaca	tcaacacct	caggaagggt	tttaggggtt	catgtcatag	gccaanacg	240
accgcacagt	ttttcagcac	cggggtgttg	gtcggcaatg	accatggcgg	tcataacagc	300
agcgaaaaca	gcctggattt	tcattattgat	ttattgtgag	gtttggtggt	ggctgcagat	360
aaacctgcag	cggataaacg	catctttatc	actgccgggt	actacagtaa	ccaagatttg	420
tatagagtcc	tatacgagaa	cttcccgat	ttgcgaaaca	ggctgccgga	tgaggccaat	480
aaaggan						526

<210> 1817
 <211> 324
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 1817						
cttttgcata	cccaagctgc	ggccccgcac	gcccacctcg	acgaactata	caaaatggat	60
tccgtggaag	acgtgaaata	cgaaacctgg	agtaggaaga	ggctggatcg	gcttttagca	120
gattacctcc	ttcgccatgg	gtacaacgaa	actgcaaaag	agttgggcgg	accagcgcgg	180
cattagagat	cttgttgctg	cgacaccttt	gttgntgnta	gccgattcga	nattcctnat	240
gaagganagt	gttnttgaa	ttttggcttg	gtgcacaaan	aaaaaaaaag	gagnttccag	300
ganggcagaa	acttgngttn	ttgt				324

<210> 1818
 <211> 1097
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1097)
 <223> n = A,T,C or G

<400> 1818						
ccaagatgaa	agatctgaca	tcaactttta	ttcacatcaa	ctatggatata	actnagtact	60
actcggcccg	acaagtcgaag	ccctctctct	cccccatccc	cgcgggcaac	agcagaatgc	120
cctgtgaagg	aaatcgacat	cgacatcggt	gacggcgacg	atagtgacca	cccactcccc	180
gacctctctc	aacgacacaa	aattctgtct	gagacgcgtg	acgttccgga	attcgcatac	240
ttcactctcg	accagaaaac	gtaccgcaaa	ctctatacaa	agatcgagca	aaccttcaga	300
agattcgact	acgaacctaa	gcgcagccgt	ctcaggtatc	gcattgcctc	acdaactcat	360

gactacttcg	ccacctat	ccacacac	gagagacg	atctgtaa	aattgaac	gattgccag	420
aaccgtagt	acgaggca	accctttg	gaaaaagt	taagcgcc	aggttccc	gc	480
gtcttcctt	cagagacg	tgacgaga	ggcccgat	agcgtgaa	agatattc	ag	540
ttccattac	ctggggca	gtatcctg	atagtagtn	aggtatcg	ttcttagg	at	600
ggtaaagat	tgaggagac	tgcgcaag	tacattctt	actcgaac	cgacatca	ag	660
cttgtgatt	gtgtcgat	caactacc	ggcaagcca	ccacagtat	tctctggc	gt	720
cccaagtta	ccaagtcg	anatggcc	gacttggaa	cgtttgagg	cgccacag	g	780
ctgccgttc	gctcatcc	tgccgacgc	ttgaatccc	accagtcg	aacgattg	ac	840
atccgcgac	ttgctacag	tgaactat	gagacttgg	ccgccgcc	gatcaacat	c	900
ctgttgctc	gacttgccc	atacgccca	gaccccgca	gcggcaga	gacaggaac	c	960
accgccaga	cgacagcgt	naatcaang	gacggcta	aaggaanc	anatggct	cg	1020
ccagttccg	cgaaaaact	aaatccaag	caagcaat	cttagaaga	gantctgt	t	1080
cncgaaatt	ccccttt						1097

<210> 1819

<211> 501

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(501)

<223> n = A,T,C or G

<400> 1819

actcaactca	actcttcact	tacaccaa	ccatcttcaa	aatgcccag	tccaccacta	50
tccagacccc	tgcgcgcctc	ggcgataaca	gaggcatcaa	gttctccttc	aagactggta	120
atgcccgtta	ccagtgtgtt	ctccaggacc	gatctgtcta	tgagcgcacc	aaggcttccc	180
gccagaactc	ttccgactct	gtttcctcaa	ccgagtctac	taagaccgag	aagtcttccc	240
actaaactta	agctgggagg	ttacgggata	atggcacctt	gaccaacatc	aaccttcaat	300
caagcttgtc	tgtaacaagg	cttcgaaggg	aacaatgggt	accaatgcaa	acaaaaactg	360
ggagggagtt	tattttatac	cacaattatc	tggcattagc	gacggtttta	cagagacatt	420
tggcgtctcc	atgaatcaaa	acaatatttt	tntatcgta	aaaaaaaaaa	aaaaaaattc	480
ctgcggcccg	aattcttcca	g				501

<210> 1820

<211> 308

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(308)

<223> n = A,T,C or G

<400> 1820

ggcaagggtcg	gcaaggagcg	tgctgctcag	gaggagcgca	gggagaagca	gaacaagcga	60
aaggaggaga	agatcaagga	gcgcgaggcc	gactttgttc	caccagagga	gagtcgtccc	120
aaggaagaagc	gtaagaagac	ggaagagtaa	acaadqqqag	cttccqacat	tqcatattqc	180
atgggtggggc	aactgggtgtg	agttggcgta	atctcatgtg	caagctctcg	aggtgtntga	240
tctcttgaaa	aattacctgg	cgttcttgtt	tctatttgag	gattaatagc	tgagaaaaac	300
tggttttcg						308

<210> 1821

<211> 1/3

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 1821

ntgntcgact	angacgncct	ccggggcanaa	gagaagaagn	ttgccgagaa	acncgacaag	60
gacggnaccg	agctnnncacg	taccggaaaag	gagatggaga	tggcnaaggt	tgctnacgag	120
caagntgaac	gagcagataa	gcaccgaact	ggcccaactt	atcgaacttg	ggg	173

<210> 1822

<211> 479

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(479)

<223> n = A,T,C or G

<400> 1822

aagatggcga	taaccatgca	ttgtgccgat	gcggtgctga	attttgctgc	gtttgtggag	60
agaaacccaa	aagatgcgaa	tgcccatggt	tgcacgctga	cgtccccgac	tctgatcacg	120
aagagaaaagc	gattacacga	agggaaagaa	gcgaaatcca	agtctttcgt	gaaggcagca	180
ctacagagga	atctcgaggt	ccccgaagac	cacgaggaaa	acagccacga	cctcagatct	240
acgacgaaga	agtcattgta	cgtcaaaaag	aggaccgcga	agatgaactg	gttcgcaggc	300
ctcgctacta	tgccaaagac	gacgagtatg	atgtcgctgg	tgctccagag	cctccctcat	360
cccattatat	ggaagatagt	cccaagcggt	tanggcgcag	agtagttggc	ggcgtccctc	420
cttctccaaa	tcaggcagan	ttcgaaagaa	gttctcgtgt	cngcagaaga	agctactac	479

<210> 1823

<211> 568

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(568)

<223> n = A,T,C or G

<400> 1823

ccatgggtgca	cgccaaagcg	caaaaccttc	tccctgccat	ttacaagggt	cgcttgactg	60
atggtagaga	agttgattcc	ggtgacatga	tgactgtgag	tggtactcgc	gacatgggtg	120
tgctcgatcc	tatgcagggc	ggaaaaccag	gcaagcttgc	caacaatgtt	cctggattcg	180
agtttgtgaa	cgacactcag	atggactttg	agtactacaa	gaatcgagcc	gagtttgcag	240
agaaccacgg	tggagggtgaa	atttacggtc	gcccgggaga	nateggccgt	cctggcacc	300
caggatcttt	ggatggcagc	gattttctac	gtcccggcac	tcctgttggt	ggcggtcggt	360
ctgctctcc	tgtgcattt	gctggcggan	cagcccagca	gcaacgattg	atgtctcttg	420
ccagcaacgt	tagcggtgac	acaagtttct	cgtcttaccg	accagggtgc	aataccgggt	480
tcttcacana	ngactttggg	tcagaacccc	ctgctcgagg	tcgtaccggt	tgtttgccan	540
aacaatggaa	gctcctccag	tcttgagc				568

<210> 1824

<211> 537

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

```

<400> 1824
cttcttttccc ctgttaccgg caaacaccaa cttgacgcgg gtctgagcta aaacctcgcc      60
ggccattttct ttatcatcag ccccgtaggag ctgtagcatg tntttggtgc caacacagca      120
acatcatact tttgttgaca accgcgcacg gctacacact gtttccaaca tcgcgaaact      180
tggatccgag ggcactctag acacgctcct cagctctccc aactctatgg aacgaagtgc      240
tccggagtag tcgcagtcag gtttgcttcg cctatccaa gcaacttcgg cgacaccaat      300
tctgaagggt cgagggcaga tcacgcacgt gctgcgcaat atcctgtcaa gcaggaagtc      360
aactactcga catcggtac tcccacctnc gagtagcggg tttacctca tactgccgat      420
cangatcttt ccaaaacacg tncagngtta taccatcctg aaacagcgcc agagtggag      480
tntgggcaac aacaaaacag tccgtaatgc ccaacangat gggggagcca tnaaacc      537

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<210> 1825
<211> 623
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(623)
<223> n = A,T,C or G

```

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<400> 1825
gaacagcagc gattgtcagt atatcgactt cactcggcga gctagtatct atctgccaa      60
atgagccgaa gtaactacag ttacgacgac gaggatgact acgatgttcg ctaccanaaa      120
cgtggaccat ctccgtctcc ggcggggggg gttcgttatg tcgcaagtcc tcaacgtccc      180
caaaactatt tcaacgcacc tncgggaccc agctacctng gagctgatcg cctcaatata      240
acaagcatac accgatctaa ttctcgctcc cgttcccggg actactcccg aacacgggaa      300
cgccgtgcaa gcagcccggc agtccagct cctgtgatca tcaccaacaa aatctataat      360
gatttgtctt ctgatgatga ggatgatcgt cgcaagaagc aagtatcacg atcgtntcgc      420
cggcgacgct ctcgctcatc atcgctcatc catcgcatca tcatccgttc tcgtctcggc      480
tcgncatntg catatatgac tcgaaaacat gggaagctga aaaagctcgc aaggagctcg      540
angaacttgn aatttgttac agcgcgtgaa aaaggatgaa ccggaaatta gttaaaccat      600
ttccgtgatg agngggangg cca      623

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<210> 1826
<211> 359
<212> DNA
<213> Fusarium venenatum

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<400> 1826
cagggaaaac agtgttacct ggctcggcat caccgcgcag cgccctatcg agcgatgccc      60
cgagtgcgyc agcgtctaca agatggacta cgtcggctct gaggacgac accaccacca      120
ccaccctcct gagtttgagg agcccaagac ttttgccgat tacatcaagc ctgagtagcg      180
atacaataaa atgcattgcy ccgagagaca ttgaggagat tgggctgcag tatcaagtga      240
aaactagacg ggtgtgatgc tgcccggggg gagaggatcc gttttgtgta gattaggggt      300
ccttggtccc tgtgtcaatt tactaagtta gcttgcagaa gttgatgttg aaaaaaaaa      359

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<210> 1827
<211> 586
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

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<400> 1827
cgacgacctc aaattcttgc cctatagaaa gggctctgcta aacaatcacc gtccaaatcc      60
tactctactt ctaccgattg tcgaccattt accctctgccc taattcattt ancttggcgn      120

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gcgtttgggt	cgacggggaa	aattgtctcg	tgatttccag	gggttccaca	gcacatacct	180
tttgaagctc	gcgacgaatc	tacctatacc	aacgtcttaa	cctcatatat	attaatagca	240
tcgngactt	gtccgcaacc	aattgcaaac	atgtctgctg	ctgtgcgng	tactgancat	300
accaagtctg	accaagaact	cgccatcnac	atcnagaaag	ctacaaacgc	cgaanaaatt	360
tccnaacgc	aagcatgttc	gcgcattgat	tgtctacaca	tgggacacan	gtctctgccg	420
ccttctggtc	cngcatcaag	gtcaaccgat	ctccccaca	aattcaaana	tcaagntctc	480
ctttcaatcc	caagggtccc	aaaaagtcac	cncaccccn	caaggaaaca	tgggaaaccc	540
cccgatnta	tactttaacc	cggttggggc	ggggagggtaa	aggatc		586

<210> 1828

<211> 786

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 1828

ggaggcgcg	actggaccga	gaggatcg	gaatgctg	actctcaaca	ccgtcaccac	60
ctanaattct	gtcctgttcc	tccggaaaac	aactgggttt	cggaaagggg	ccgggcttca	120
ttttcggcct	cggggcgaac	ancgttaact	atctgttagc	ttatgtcatc	cacgaaagcc	180
ttttctcactt	acnctcgtgc	cttggcaaga	atgtcgctga	tgatcttctt	tgggccagct	240
tcttgctggt	gggggtcttg	aacagccagt	ccagacttct	caccaccgc	aaacagattt	300
cctcgtccat	catcatcttc	ggggtcggaa	tctgtcatct	catcgtctcc	gtggctcatgc	360
tgggtgggatg	agctaccoga	tagatcctag	agtagcaatt	cctgtctttc	tctgttgcca	420
cggggcgctc	ttgcgggtcg	cttggctgct	accacgggca	gcttcggggg	caggctcgacc	480
atcgagggtt	cgaggaccag	tgtagtgtgc	tggaaacggga	gcgggagctg	ttgatgtgtc	540
gcggctatcc	tcttcggcgt	cgcggaacca	ggcgttgctg	gcttcggcga	gatcccagtt	600
atgggcctcg	agatattgtc	tggcttcttc	agggcttgcg	ccgctcaggc	ctgcgaattc	660
gacgatctga	ccttcatggt	ctgccatggt	gatgttataa	ggcggggtaa	ttggattgag	720
tatgtgtagt	tgtttccgat	gcgatatgga	ggttgaagat	ggtccgacga	gattaaatga	780
attggc						786

<210> 1829

<211> 329

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1) ... (329)

<223> n = A,T,C or G

<400> 1829

gcggagcaga	tttctgaacc	cggtctgttg	gtaccaactt	cgagcgtngg	agtttagnga	60
aatattcttc	ctcttaattt	tcactctccc	atccgttccc	taccaagatg	ccctcacaac	120
cctogaatgc	gggtatcgtc	accgacnaaa	acagcggcga	tgcgagatt	ccacagtctg	180
ttgcgcgaga	tggcagtnct	cgcagagcta	tcanaattcg	tcttggtat	cgncaccccg	240
aggatgtnga	ggtctacaag	aaccgcaccg	ccgaagcctt	ccgagagcgc	ggnaagaaaa	300
tggcattcc	tgggtctgca	ggtgtgaaa				329

<210> 1830

<211> 377

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1)...(377)

<223> n = A,T,C or G

<400> 1830

cttctctccg	ccacgtcaac	gacgcaatcc	aagggttctcg	caggctcggg	ctttgctact	60
ttctctgttg	atttagctcg	caatgtcact	tggaaagcgt	gagcaaagta	cacttcagaa	120
acaaagaana	cactgaaaat	agatggttcg	gggtctattc	aaacttcggg	acgtgacagc	180
ctcgactca	caactgagat	ggccaaatcc	caagaagact	atattgactt	ggtacctcac	240
aactggaatg	tgatctctgt	ctccttaagc	gataaccatc	acaattgtgc	attaccaatt	300
ccaagcnggg	catantcctt	tcattctcca	ctccactcga	ncgtnccaat	tcccganatg	360
ccgactcgga	natctcc					377

<210> 1831

<211> 530

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(530)

<223> n = A,T,C or G

<400> 1831

ctttattgac	cccgatttca	agtatcatgg	tgccatggga	caggtaatcg	ctcttctcat	60
tcttgacatg	gcagatcgac	ccattatgcc	ttttgacatg	gggtggatg	cgcaaagatt	120
ggttcaatgg	gtgaaagacc	tcgaaaaatg	ggctatcaag	cacttggagg	gccaacccaa	180
aggtgagaca	gacgctttta	aggagctcaa	ggaagctgta	cagctcatcc	agcacaacgt	240
cgccacattc	gaaaagtggg	agatggactg	ggaccgcgat	gtcttgggta	atggaggatg	300
ggaagccacc	gacattggcg	cgtctcgatt	agcatacaat	aacaagatgg	catactttga	360
gacngcgatg	ctggatcttg	aaatcggtgg	tggaatcccc	aaccgcacac	aattcaagag	420
catngtcttt	ggccagaaaac	gtggctccaa	nacngagcta	tctttccttc	aatccgtgca	480
gcatagaaga	gggggattgg	aanaccgcc	aaccatcgt	tgccaaacgg		530

<210> 1832

<211> 454

<212> DNA

<213> *Fusarium venenatum*

<400> 1832

ctcattttgt	ctacacgctg	acccacctca	aaccttctcc	tgtcaatacc	caagcaacct	60
ccaaaatggc	ctgcggatcc	tccaagtgcg	tctaagaccg	taacggtcct	ggcagcgccg	120
ccactttcaat	cgccgaatcc	atcatcaagc	ctcccgaggc	cacaggcacc	aagaccaa	180
gcatcgaatg	tggtgactac	gaatgctgct	gcatccctcg	cactatcttg	taaagaagca	240
tggctttatt	tttcacaacg	gaatgacaat	tatggagtgc	gtacgaagaa	gtgctgccat	300
ttctggtagc	acgttctaga	agggacaatg	aaggatggac	tacaatgttt	aaggaagcgc	360
tcgtcgacgt	tttgatataa	cctatgaatc	aaatgcaata	acaaaaaata	aacaaaaaaa	420
gattcaataa	agctatatgg	tactattatt	aggc			454

<210> 1833

<211> 525

<212> DNA

<213> *Fusarium venenatum*

<400> 1833

gaggagctat	cagggtctcaa	gggtgcgcgt	gaggctatgg	aggttcagaa	acgctctgct	60
accaagccta	cagagccaat	tcttgccttc	tctgaacagc	ctgttatctc	cgaggtagtc	120
gttgaagctc	aagtcgaggg	tcagcctacc	gagtcatcac	ctgactcaag	gttggcgagc	180
attgaagagc	agctatcaaa	cctgaaggct	gtagctgagg	ccatcgaggg	tgaggcgcaa	240
cctgctacca	agcctgcaga	gccaatctct	gcttcgcca	aagagcctat	cgtctcccat	300
gtagttgttg	aggctcaggt	tgaagccag	gctgaagctc	aggtcgaagc	tcaagtcgaa	360

agccagattg	agactcagcc	tgctgagcca	acaagecgact	cgagattgac	aagcattgag	420
gagcagttgt	cgggattaaa	ggatgcagcg	gaagctattg	aagccggcat	cagaagcggc	480
aagcaatagg	aaagctgtgt	acaatattga	agctatataa	tagcc		525

<210> 1834
 <211> 489
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(489)
 <223> n = A,T,C or G

<400> 1834						
tcagtcttcg	tcactccttg	ctccagagat	acaactcattc	acatccttga	nggattttaa	60
acattcattc	caatccttcc	aacggctcct	tccctcaaac	caactcaaaa	tntttattta	120
acagtccctg	cgacgttaac	caaaaagctt	caactccaac	aactttaagc	tcaaacagac	180
aagatgcatt	tntctgcctt	cctcgtcttc	gtcatggcca	ccagtgccat	ggcatctcct	240
cactataagg	ncgtcaccga	gtacgcctac	gttaccaagg	tcgttaccgn	cggcgcggag	300
cagcccaagc	caacctttnt	ttacaanaag	cctgctccgg	tcgaggtcaa	acccacaact	360
ctccgctggg	ttaanaagcc	canacagacc	aatgtcaggc	tcccaagccc	acctacntcc	420
ccgcccctgt	tgaggacaag	gagcctgcga	ccgaacaacc	cgcgaccgac	agcccganaa	480
ngaggacc						489

<210> 1835
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 1835						
tcgcaattca	gaggttttctg	gcattcctcc	ctacgaacaa	actcgtcata	ctcgaatcct	60
ccaagaacag	tggtctgttt	tagcttctac	accgatccga	actcttcgag	ttattgtccc	120
atccgaagcg	gcccgtgatt	tcaacgtccc	gccatcattc	atatatcaac	ctcgaatgca	180
gatttagtcc	ttttcgtctac	ctaactcaac	gataccacgc	gccaacgaga	aactagtgtt	240
gacttaccac	ttagtcaagg	gttggaatct	catacctacc	accaccacaa	gcattggtgc	300
cgactcttcc	ctcgtcgacc	tccatgatgc	gtccatgtcc	gacgataagg	acgacctcga	360
ctctctcccc	tccatatcaa	ccgacgacat	ttactccgat	gtttccgact	ctgatgcaca	420
ayccgagtgg	gaacgtatct	ggagcagttg	cnattgatat	tgactatgat	gacgtcctct	480
ggatnggtaa	atactttggt	cgcaagtttg	cctactggag	ttngtcgcga	natatggagt	540
gggngcacia	cgtcaatggt	cgattaacgg	ataaaaaaca	tttaagggg		589

<210> 1836
 <211> 583
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 1836						
aggaaatcaa	gctcaattgc	ccgaatcgag	gtacgcctga	aaacttccaa	gatcactcga	60
aaacgaaaca	cctagcgaac	acccacagac	cgagccatca	tgacccnagg	cggcgagagc	120

caaccgctgt	ccttgcgacc	gcctcctgtc	gccgatcgca	aacctcgaaa	catcgccgaa	180
ttcattgcgc	gagttaacgc	gcaaccgggt	ggctttcgag	ctctatcaga	agctaaactc	240
agggaggaga	ttgctcaaga	gaatgcgaca	aacgggagact	cccaagagaa	agacgtngat	300
atggacgaag	ccgacgaaga	cgacgacgaa	gaggatcngg	atgcgaccag	agatccccaa	360
gaagtgcgca	tggagatggt	caagaacctt	gacatcgag	gaaatacggg	cctccttacc	420
ctcgacttcc	tctccctcct	catttcgaag	cagaacctta	cacaagccgg	cattaccctc	480
tcccaagggc	tacgcgacat	ggtgggggaat	cggtacgata	ggcgctgata	agctcgacaa	540
ctcgcccatt	accctagccc	aggngccaga	gcaggagaat	ata		583

<210> 1837

<211> 130

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(130)

<223> n = A,T,C or G

<400> 1837

ncgaacttta	cagnggattg	gatgggaaaa	cttgacgtan	ccagnttaat	cccttgcagn	60
acatcccntt	tcccactggc	gtaatacaaa	aaaggcncgg	accgatcgnc	ctttcanata	120
gagggccaaa						130

<210> 1838

<211> 596

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(596)

<223> n = A,T,C or G

<400> 1838

ctggcaacaa	ggcccttggg	cgacttggtt	cagtgtcccc	tcttctcctt	gcttcattct	60
cttcttgaac	ccttgatata	ctcctctcgt	ttccgacgtc	atctaccctt	acagagactt	120
attctcttct	aatttctctt	tagttactct	ccactcatca	actccttgaa	ctttgtctct	180
gtgttactgt	attctgtaac	acagaccttg	cttactcttt	caccaccact	gcaacgtcat	240
tgtcatcccc	gtcgaaattca	ttgattgggt	tttttgaacc	aaagagttgc	cctcagttga	300
ccacagtctt	gacacttttt	cgatcatgtaa	actccccgta	ccaagcgcca	atttgctggg	360
gcttcaaccg	atccctctca	gcagccaaaat	cacctatttc	ttcaatgcta	gaaccccagt	420
ttagttctgc	gtctgtgaag	ctcagaagcc	tctcaagcca	gttctccctt	caacagttca	480
ggcaaacctn	ctcagcgtcg	gtatgcgagt	tgcgaagtc	gttcccgagg	gatataagac	540
agtengaact	agtgttttca	agctctggac	agacaatgct	ncagtaaaca	ccaccn	596

<210> 1839

<211> 589

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 1839

tgtcgtgca	gtctgatgat	ccttcgaccg	cttggctatg	gctacaaaag	ggcaaaagcaa	60
gagcgtttgc	tgactcactc	ggtgcaaatg	tactcatccc	cgaagagttg	ctgaatagag	120
tagcgaatga	ccgggtcgca	tgcgagcttc	taaangnga	acagggagtt	ctcgaaggcc	180

tgcaggatcc	ccttatcaac	tttgttattt	ctgcacgaaa	gctggcctcg	ttgagaaaagg	240
aaatgacgga	gaatgcgctt	ctgtcagaga	tcacgaaaat	aagggacgga	atattagatc	300
tcgaacttgg	cgacaagcag	ctcagtgatt	cactctctaa	aaacgggtctt	tcgtcgganc	360
gtgttaaatt	tgtcgattgg	tatatccac	catcgggcga	tggcgccaaa	ngccggatag	420
tcctcttcgt	caggcactta	gatggccata	ctcaggcgaa	acggttgtct	gtttcggcgc	480
ccgacgtcna	agactgggtt	agaaaggctt	tcacatatcc	ngacatggnc	gcaccaccgc	540
taagcaaaaa	gannggcaac	cgttttctca	agaatatgaa	cggccttgt		589

<210> 1840

<211> 643

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 1840

atcagaaata	taccaggcca	agacagtgta	actctgacca	cgacaaagca	ccaagagatt	60
ttcacttttc	tccgtcccag	ctggccagca	tatgaccctc	aaggcaagca	tgttattcat	120
cctgagcata	ccccgatct	agatacaagc	ctcaaccgac	gttgggtcaac	ataccctgtc	180
taccgtcccg	agggcccca	cactgttgct	cgcctttcca	acgttagacc	cagcgttcta	240
tacgtattcg	gcggttaagag	taatgtttcc	cccctggagc	ttcaggacga	gaagatgact	300
atcacgggaa	ccggggtagg	tggtagcggc	ggtgaggcac	agggtcgggt	caagaagggt	360
gtcggagaga	acaacggcca	cttgggtccc	atggaggatc	ccgcgatgtg	tgccagtgtc	420
gsggcccact	ggattaaagc	tgagcttgag	cgggtggtggg	taaatgagcg	tacttcnagg	480
aatggctcgag	caagtccaag	gaggagaaga	caaccgtctt	aaacgagttt	caaaagtaca	540
taggtaaacc	tgnaccttgg	ccagcaaggg	ccaaacgcna	aaatataggc	cgatagacgt	600
gocgnatgtg	gnaatgtcac	attgaataaa	tggtatacat	ttg		643

<210> 1841

<211> 167

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(167)

<223> n = A,T,C or G

<400> 1841

ggetactcct	gctgcaagag	gagagtgttg	gagtttgacc	aattcatgaa	gattgagggt	60
tgcaagacca	agaacaaaca	ttgttctgtt	ggtagtggaa	agaaggacga	cgctagcagc	120
gaggaaatgg	ntttcaacgt	cagacaccaa	tttttatcan	acccccg		167

<210> 1842

<211> 665

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(665)

<223> n = A,T,C or G

<400> 1842

caagaccggc	ggtgacaagt	ccaagggcga	cactggctac	cacggttcca	agtctggctc	60
tgaggaggag	tgctgtgttc	agtgaccac	tgtctacaat	gcctgtgcg	atgctttggt	120
gccattateg	agantgcaa	ggaggcttac	acgtctgc	tcggttacaa	cccatgggaa	180

cgtcgttccc	ttcgtcgagc	ctactggtgt	gccaaagcacc	ggaaagcttt	ccggcgatga	240
atgttgtaa	ttgtcttctg	gcggtgaacc	gtgtccgccc	cgttctggct	cttcattgcc	300
gtcggagcct	ttgctctcct	ctaaatgcat	cgtgcctgac	cgagtgcgcg	cacacttttc	360
gcttcgaagt	tctatttcca	ctccgttgct	attggggctc	ctgcgacttc	acttcttacc	420
ttcttagtgg	gcagcctgtt	ctgtgcagtg	gatatttacc	ttattatctt	tcattgatctt	480
atgtattatg	ggtgcctttg	tcgaatatgt	cggcctaaaa	tagtttacga	tagacacgta	540
tgaatatcgc	acgactggat	ggagattctc	tgattggcga	tggctttggg	ctttggggaa	600
cgaagttgta	ttccatagtc	tttagacttt	gtgttcagaa	ggtcaattta	cttctctatc	660
atctt						665

<210> 1843

<211> 682

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 1843

caatcatcca	cttaagcttc	agcctcgatc	atcatcaccg	ctacctcaat	caacttacaa	60
acatctttga	caatctttgt	ccaacaccac	ccaacccaac	acaatgtctg	cccctacttc	120
caccgcttct	ccccctccta	cctctgacct	tccctttgcc	aaccttcctt	cttcccctgc	180
tcttggtcgc	aactccacta	ctgctctgtc	caagcctgcc	tacgcctccg	actctgactc	240
tgacggtcag	gctcgaggtg	gtcgccgcag	cagaagcagc	agttcggtgt	tctcttcccc	300
acctctaccg	gcctctctca	gcccgtggtc	aacttctcaa	gggtgccact	gacgagaacg	360
gcaacaaaaa	gtccgcgcgt	ctacttgctg	gtatcaagct	cgaccttgag	gccgaggtca	420
cttgactgcc	cgagtcaang	gagacatctg	cattggactt	tactagacga	cgccatgcct	480
tctgcttgac	tntaagtcac	gtgctaggng	atttaatcgc	agaacatagc	cngngggcat	540
gttatgatga	tgaaaggata	cctnangggc	ctgatttttg	gacnacttgg	caaacaaatt	600
gggggggttg	aaaaacggac	gggatntttt	taatntggat	ggnatatnaa	acttgagact	660
atganaaata	tcctttgtac	ng				682

<210> 1844

<211> 989

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(989)

<223> n = A,T,C or G

<400> 1844

gctatctttg	ctggtgctgt	gattgcacgg	ttttgcgttt	tacaactgta	cttatgggtg	60
cgacaaatgc	gcggcttgga	tcaacagaac	cttcctgcta	gatctatcat	ctcgtctttc	120
tcacagcctc	gacgactatt	ccagtcgcgg	cctatctgga	caatggatga	gaaggacacc	180
acacaaatag	agcatcgagg	aqatatcqa	qtqgaaacq	gcctacaagt	catctctgca	240
aagagaaat	tggtcatcaa	ccccaaactg	caaagtgcag	ataatgcaat	gtccaaaacac	300
atcatatcgc	gaccacctcc	ggcaccacct	ttgacacctc	ctgagttgag	cacggctggt	360
tttacttttg	aagaccgtcc	cggtcagggc	gacgatagtt	tcatecgtea	gccaaaacct	420
gattacatgt	cttcaactac	agacgctatc	cttctctcta	gctcaggaac	agcctcagtc	480
acccgtcggc	gctcgtacaa	caaaaactctt	cctatcgga	tccctgtttc	tcattcatca	540
caggacatgt	cagatgctgc	cgatcttctc	ttgtcgccca	gctcttacc	atctggaggt	600
cggtttttac	cacccggccc	accaaaccga	ggaaccacgg	agatcggcgt	ccagggcgag	660
atcattgggtg	ttcttgatac	cgaggggtgc	agctggacaa	gacatacgcg	tgtctatgga	720
ggcggaggtc	gccttgcttg	tgtagcctcg	ggcgggaatc	acgngngtgg	tttctacgga	780
gcaacagtc	ggccagagga	aatgcgatga	caggtttaac	agtttcggaa	cgaccatggn	840
gtaccaactgn	cagtttatgt	ctggctggat	atgaatggca	cttatggnc	ggcatangga	900

tccatgtgta accaccgtta ccacttgata ttagaggngg atgngggcca acnaccgcg	960
cttntggggc aaaattttct tttgtnta	989

<210> 1845
 <211> 551
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(551)
 <223> n = A,T,C or G

<400> 1845	
catcaatcgc tatatcaaca ctcggtttaa caactccaat ctactttctt ttcgacctct	60
tcttcaaaan ncccccaata aaccaaacca accttcaaaa tgcacggctc cgtgcccgtc	120
ctcgcccttcg tcgctgttgc ggctgctgcc canacccctg tggtcccggt tgcctactcc	180
atcgctactc cgggtgcccc taccaacggg actaagcccg gtcacggctc tggtcccggt	240
tccgggttcg gctctgggtc cggctctgag cctccaacg gcgcccgtgc ccttggcctc	300
agcgggtctc ctgggtgcct cggcccgttt ttcttgcctc gtaaatgtct ctcaatgaga	360
ctttcgcaga gttggtggat atgaggaccc tgtaacagac aaccttgcag ggttctggag	420
gaatcgtgct ggtgcgcggt taactttcga tggagataga tcgggttttc gattgtcccg	480
actaggatag aatagatcaa tggagccgtg atcgcttcag ctatattaat actaatcgca	540
taccaccact c	551

<210> 1846
 <211> 416
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 1846	
cggntccctc atcggacttt tctgaggaag gtgtctttaga cctttcagat tcaccatcag	60
gaaaggcaca accttcatta gagcaccaga agagtttctc ggactctcct atgtcttttc	120
actttccacg caaaaacatg acgagcagtg ctcccagctc ttcccttgga gacgacgaga	180
tcctctctct gateccctcc aaagcacgag gccgttctcg ggcctatagc tcaccggacg	240
tggaaaaggt caaggaacgg gttgcgagtg ccatgctcga ggtcgagaaa ctccagaaac	300
aaatagacga ggntatttga gaggcagagc tntatgtcca agcchncag caacttccca	360
ctctgtgggt agaaaacatgc cgagtatgag ttctantctg gngacgaatc tcatty	416

<210> 1847
 <211> 521
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

<400> 1847	
ggatcatcag ctcggtgcgag cccagtatcc ctggacatgg tggtttcccg gacgacatcc	60
tgcagcacac gaacctgaaa agattgtctc tcaccagccg cggcatattt ctgttgaacg	120
agaacgtaga cgtcggggta gtagtgtccg tcgcgcgtcc acgagctcaa ccagaagccc	180
cacgcccgcg tttgaagang agcaggcggt tcatngacga tccagcagcg gtccgcctc	240
caagggaaga aagaggttat ctacaagttc caagccgaaa cgaccaggta acgattcccg	300

ctctgtcaca	cctgatttcc	cttcgccttt	ggctanggag	agcagtgcga	aacgatactt	360
ctgaatcagg	accggaagga	ggaaaaggtn	ttgaggaatt	caccttctag	atctactggt	420
gggtcaaagg	acnccgaaat	agagaaatag	tttaatat	agtgatggat	agtattctag	480
tgtactcatg	ggattcgcg	tatcaaccga	ctgacgcacc	c		521

<210> 1848
 <211> 623
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 1848						
gtaaatcgct	tatctgcgca	gctatcactt	citcgagctg	cccagaacgc	ctcggtcgtg	60
tccaacactt	catccacctc	cgctgcaaac	tcateccatg	atgtagccga	acagtctctc	120
ctctcaggcg	caggcttttc	catccccacc	gctcgacacc	accgaacgtc	atcgaccacg	180
tctcagggca	ttgccagcca	gcagctgtca	tcgtcctacg	aagcacggat	ccacgctcct	240
cgccccctcg	atgctacccc	tctctcgcg	caggatagta	ccgcctcccg	aaggagccta	300
acaaattctc	ccgggcccga	acacagcagc	agcctcgacc	cgccaatta	ctttcaacaa	360
cagcgactcc	cgcttacgtc	gatccccacc	agttccgttg	gtgcaacacc	cggaagtctc	420
agcgagcaac	tgagtcgccg	acttatgcc	gctaccatgc	gatacgagga	gacagcattt	480
tacagaaacg	agctcgagac	tggcaagaag	gagaatgatg	ttttgaagcg	aaagatcang	540
gagttggaga	agcangttcg	ncagcgaaag	agctagcgat	acaagtnggn	caaggagtgg	600
atagtggcag	taccactacg	agg				623

<210> 1849
 <211> 689
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(689)
 <223> n = A,T,C or G

<400> 1849						
tgattctagg	ccttcggcgg	ttccatgtca	acctaaaaca	ctcacatgac	attgactgtc	60
ttttccaacc	tcgacacgca	actgtaaaat	ctacgctcga	cgactccagc	caccgacctc	120
ttccatttcg	gcgcgaaaaa	aaaagtacaa	gcagaacctt	ttggcccaca	atgtctaacc	180
gtcagatggc	tcgcgataty	caggtagagt	ttccaggctcg	attccaagcc	aaacaggctc	240
gtcgcgaggg	ccaaaaggcc	gccaaagcag	accccatcct	caagaagcag	atacaagacc	300
tactcaagaa	gggagagacc	cagaaggcgt	accagaaggc	caagatgctt	ctctccaagc	360
aggcactcgc	tcagcagatg	gaccagatgg	ccgacatggc	tgagctgtct	gctgcacaga	420
ttcaggccaa	caactcgatg	aatcgaatga	cccagatgat	ggcccaatca	tcgcgaacca	480
tgaacgtttg	cagaagaaca	ccaatcctga	aaagaccctt	gtcacctctc	gagcaattca	540
aaacaqaaaa	ccqaaqaata	cgccttggtc	aacggcat	accaagacgc	cattaccag	600
tttaacctga	cccaagttgg	cgangatgct	tgctccagag	ctactcggaa	aagttgggcn	660
gatgacgctt	ggctttgact	taacaaagg				689

<210> 1850
 <211> 629
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(629)

<223> n = A,T,C or G

<400> 1850

gatggctcct	ccccctcctc	agcacaaccc	tcacatctac	gctcctgtgc	cccagcctcc	60
cagcaacatg	gcacccaacc	tgcgcattga	cactcaggca	ggctttgggt	tggatatgcg	120
ccaatatccc	atgtcggcca	ccactgcttc	ccctgcagag	tttcctccca	gtccaggatt	180
cttcctcct	ggccccgagg	tgcctcagtc	taactacaac	acccccctacg	gcaatggatt	240
cctctcgccc	atgggcaacg	gtgagggcat	tcctacatct	gtgtctccta	tctctttcaa	300
cggcggtgag	ccttctatcc	tggagcagtc	acctcccatg	tcgatgatgg	gacgtcctgg	360
ttcaactgac	atgtatgctg	tcaacgatgg	atcatgcgcc	gtttcagatg	acggaactgg	420
cctgaacgag	atgtactcta	aacacacccat	caacatgcct	atgcacacgc	cttctcctgg	480
atatgttcag	catcaacang	ctgatctcga	catggnacaa	cttgtgcaat	tcgacgcaat	540
tgatccttca	aagcctatcc	cccgangcaa	tgtccacgct	caaggaaact	aagcaagcaa	600
tactgggtgg	gtataagtg	tgatggctt				629

<210> 1851

<211> 382

<212> DNA

<213> *Fusarium venenatum*

<400> 1851

gaaaacctat	ccatgctcca	agcctccatg	agccctccat	cctgtcacat	cctagecgact	60
gtccagtatc	ttcaatgacc	aacaagtcct	ggcttctacg	ctgtgcgcct	taaagatcta	120
ctacaggtcg	caccgtcggt	gttgctcagc	attgatacat	attgctatta	tcccacaaaa	180
agaatatcga	cccgatacca	aacattgctt	tgccttatcc	tttttccatt	atcagcattt	240
cgacccccga	tacgggtgata	agtgcctcca	cctgcgaaca	tcgacaatca	tcccgtctcg	300
atgcccccg	ctcttctcca	cctcgtgacc	ccgcctgaac	gaatgtcgtc	cgttaccttg	360
gcctccaact	ttgctcggtc	gg				382

<210> 1852

<211> 617

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(617)

<223> n = A,T,C or G

<400> 1852

cgattccctc	gcgatagtta	ctatggcagc	cgccctatgt	ctctgaagcc	agaaggcaac	60
cagtatgaca	caggggtccc	aagcaactat	tttgatggcc	aggcttacag	caacggttat	120
ggcacaggtc	catcgcgcca	acggatgtct	agaatgcaat	cagagccgca	gtaccagaac	180
ggtaacgacc	aaacatata	tcccctaccc	aacaaggatc	gatcttacga	gaccgtagct	240
tctgtctcgg	gaagcggcca	ttcagaccac	gcaggctatc	agacagatcc	cacgagcagt	300
gacaacagtt	cgattgatcg	gactatgcgg	gctaagcgcc	gcgagccttt	caatgagtat	360
gcgtcaagtt	cttcccaata	ccagccagca	aatcagtcac	gccccctggc	tactcctage	420
atgaatggca	atgccagcta	tcctcagatg	ccaccacctt	cccatgcgca	atcagctccg	480
agtcaggacc	aggctccggt	tccttctcag	aagcagaaga	acactctttt	gaggagaaca	540
tcctacacag	aatcagcaca	acagccccaa	caaacagctg	gcgggggata	gcgcaagagt	600
tggntttcct	cgtaggt					617

<210> 1853

<211> 584

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(584)

<223> n = A,T,C or G

<400> 1853

gcctaccccc	acccgtgccc	agcccaaggt	caccgttgaa	gctagcatcg	acacctctga	60
tctttctctc	gaggggtgct	acgacaccgt	catgcttgcc	taccacaaca	tccaccgcgc	120
gaaccactct	gccccgcctc	ttgagtggga	cgatgagctc	gccggctacg	ccgagaacac	180
tgccaacggc	tgtgtcttcg	agcacgacat	ggaccaaggg	aatggcggtt	acggccagaa	240
ctcgcatcct	gggggtgctac	cagcgacatt	gatggactca	agaacaaggc	tgctgctggt	300
ggtattacca	accagtggta	cgacagttag	atgtccaaact	gggctttcta	tggccaggag	360
aacccccctc	cgacatgaac	attgacctct	acggtcactt	caccaggttt	ctggaaggat	420
ccaccaaggt	cgctgtccat	gtcaatgcct	gcggggattc	tcacttccct	catgtaacat	480
tgcactacac	ctcaggtaac	ttgtggcgta	cggacactct	canccnagga	acaactttat	540
gttagaccaa	nactnccga	tcgaaaggcc	ttntctttta	naaa		584

<210> 1854

<211> 502

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(502)

<223> n = A,T,C or G

<400> 1854

caaactaate	aactcttccg	tgtctgcgtc	cagcatgtca	cacgccggaa	aaacgcaata	60
cgattctttc	gctcccaagt	atgcatctgt	tagtgagctg	ccctgttcna	aacttgaggg	120
tcagcttggtg	aggaatgcct	tgggggactg	tacgggatta	aaagtgctgg	atcttgngng	180
ggggagcgga	cttnatgcta	gaagggcgat	tgaagctggg	gcgaaagttg	tggatggtgt	240
tgatattttc	cctgagatga	tgaaagccgg	caaagagatc	gagacaagcc	tcggacgaca	300
gggctgnatt	cgctggttcg	aagccgatgt	caccaagcca	gtcacagagc	aagtcaacat	360
cgaagataat	tacgatatcg	tgatggcaaa	ttgggtgctt	gatcacncta	cctctgtttc	420
cgaattacga	agcatttatg	agaatgttgc	aanaacttga	aggttgngng	caagttcctt	480
ggcgtaaggg	caaanagtat	cc				502

<210> 1855

<211> 396

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 1855

cttttctncaa	ccattacaaa	gactgtcgtc	caccgtttga	tctagttcat	cgtegaengt	60
aactggatta	tcaatcaatc	agcacctaac	gagcctgac	ntgganggca	acgtgaacac	120
ttcgtcactt	cccqacaact	tgtccgagaa	actcenggcc	gtcgtattct	taatacccg	180
gaggetaegt	ncaetgactg	gnaetatlge	cancgaacaa	cncccttgga	aaacaagaac	240
actgantctg	acgaacttat	ggccgataag	ncctacccaa	gaggataagg	tggctcttcc	300
aaaacccctt	ctngacaatn	cctgggtggg	tttccccaac	nacccttgcg	aaacgaagnt	360
ttgacaaaaa	cttattgggt	tattaaacc	tttttt			396

<210> 1856

<211> 817

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

```
<400> 1856
cccacaattc atctcttcta accaaaaaac tacatcaacc aacaaacttg cttccttcta      60
catttgcaac tcaccacata accttacctt tcctaatttg gctgggannt ttttngngnt      120
ggccnttaac gaactataac cgacgaacta ttcaacactt tatttttttg ntgggggttt      180
atcggtacc  tggataaata ccgcaccaat tccggaatac aacaaccgcg actttcggcc      240
caaactcaca taatgtctgg catactacac ctacaacgct acccagtgc ccccgctccc      300
atgtcgacaa ccaccacgcc ggccgaaatc gcagagctcc tcgtctctcc atgtctcaac      360
aagtccagcg ccagttccga tctgggtccc gtaacatgaa cttgaaggat cccgaggctg      420
ccgccatcac ctntttccga ccaagttcga gaccagccga tcttttgatc ttgangacga      480
tatggagttc tgccccgggc tgggtgactga gaacgaactac gtgtctatct tcagcgcgtn      540
cgagcqtctt tactagccag caacttttnc ganttttttc cagcaacaa cccaactg      600
gtgnttctgg ctttttctn aacttcgaca tccccggctt cttccccctt ttaccagca      660
tcagccaagc tgaagnttac cagccttcgg tantnggggc ggttgagcat gcatttanaa      720
gggccaaatc gncctatagg gagtcggatt acaaattaat gggccngngt ttanaacgct      780
gggatgggga aaacctggcg gtacccaaat taatcgn                                817
```

<210> 1857
 <211> 633
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(633)
 <223> n = A,T,C or G

```
<400> 1857
agcctaattc ttaaattctg acttttcgta ttgattagtt tccgatttaa aatctcatgc      60
atttcacatt gctctctaca tacaagtcac ctatctagac tgaaacactc agtgtaaaaa      120
catnatggac cgccccaaca acgcatata catgctgtcc gaagggaatc acgagcttcg      180
cgtcattcag gaacaatata tacctaaaca tgctcagtc ctggttgatg tgcaatactc      240
aggaatcaac cctgccgata ctcggcacat gtacctgaat atgacgaact acgttgccgg      300
ttatgagttc actggaaccg tcaagcaagt cggtcagag tcccccttca agattggnca      360
aaacatcttc ggcatttccc ttatgtacga ccgtcgccct aattatctcg gcgctcatca      420
gagttatctg cttgcanaac cgttgatgac atttctgcgg ccagaacacc tcgaccccat      480
cacagntgng acacttctcg ctggnggagg acagcgatgg acggtctntt caacgtcttg      540
ggctatgggt tcccacttgc cgattccccg ggaatgaacc taaagatgaa ccccttctna      600
tntggggagg cccaggtagc ngtttgagca agg                                633
```

<210> 1858
 <211> 644
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

```
<400> 1858
ccaatnqgca aaaaactggc ccgttccccct aaacaaagga ttgacctc cgaagaagcc      60
gtctaacgac gggtaactgc cgcccaaagg gaggtttgca tccgactaca aggtccttgc      120
tgccccctgc cctgtctctg aagaagcctg ctcccaaagg agggaaccca aagaagagaa      180
gagcccaagc caagcccccg ctctccgata tccccctcct accatgaacg aagcaagaag      240
ggatcgattt ccgctatggc ctccaagata ccaaggacaa gcaggaggat gaggaagag      300
gacgatgatg cttcaagctt cgaggagggt ttcccgacct gctcaagngc caagctgttc      360
```

ctgcaagcca	agttcacgcc	tcttgetcaa	tgcgaagacg	gcttcttcat	tcacccccgc	420
aagtgcgcaa	agccttctct	gccgggtcaa	gactcctact	actccccgat	tctcaagctc	480
ccaccacctc	ttcttctctt	gtcctatatca	ctaagtgact	cttcttctgc	cgaagatnaa	540
gcaactgctc	caagggtcaa	gaccaaagca	aatngggctc	cttgaccgct	gaagggttgaa	600
ggcgctcaan	cgcaanggtc	aagcactggc	tctcaaggac	caaa		644

<210> 1859
 <211> 541
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(541)
 <223> n = A,T,C or G

<400> 1859						
cgctgtcaaa	gaaggagaag	accaagccag	caacgetcaa	cctttcggcc	tctcgcgaag	50
aaaagaccca	gtcaaggacc	tcttcgttcc	tctcggctct	ccgatctcct	aagaagaagg	120
cgatgaaggg	catgagcatc	tcatcacctc	tcatgactcc	tcagactggg	gaattccccc	180
gccaagaata	ccaagagatg	aacgcaatc	ctccccgaca	atatgcccc	gctgctccgc	240
ctccggctcc	caccaacca	gtcccatacg	gatccccgac	tgtcccggcc	aagacccacg	300
cgcgcgtccc	gacgcgggac	atctcgcccc	agagtgttct	gagtatcgat	gagcgcacgc	360
gaaaccagtt	gccccctcct	ggtcaccacc	gacaggtatc	gtntgcgcct	tcggagcgtg	420
acctgagtc	gggccacttc	agancactca	caggtgccgc	tggtcngtct	gccatcgctc	480
cccaagccng	gtgcacgaat	cccatcttct	tctntctct	ccccgcgtcc	cccaagcctg	540
g						541

<210> 1860
 <211> 120
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 1860						
nngccagtgt	gctggaattn	tgcncatatnt	caggtgangg	acangattgn	gtgcttcatn	50
gonccgatat	ntcacngngt	actngtgcag	atcacagggt	cctctcganc	ganatctact	120

<210> 1861
 <211> 510
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 1861						
gtcgttatga	atacacctcc	cggcgagatt	ctcgacaatg	atcttattaa	ggaatttgcc	50
gacgcgtgct	cgagcgcctc	tgcagttatt	caggggttaca	tgacatccga	gntccccaca	120
cccgacaacg	atacaatgga	gaactcatcg	acacccaacga	gcagttgcaa	actgcgctta	180
accaacataa	gcgcgctgtc	ctcagcgcctc	gcaaacagct	gggtcttaac	gagcacactg	240
actcccaate	gccgagttta	acccccagct	ttcagcccca	acaacagccg	gagttctcagt	300
tccaggccaa	tggaaccaac	actgatcatt	atttcggcaa	tgcgtcttcc	tcaagttctg	360
gtcacacaac	cggcaaaaggc	aaaganacac	attcttactc	acccccctca	ggctctccac	420

caaaggcagg	caaaggaatt	acaagccngc	ccacgatgaa	tctgccgaga	accatttcgca	480
gacctcaacc	aagcngtcct	ggccaaacgg				510

<210> 1862
 <211> 612
 <212> DNA
 <213> *Fusarium venenatum*

<400> 1862						
catcaacaca	gttaattctt	cattgtatcc	tcattctacc	tccaacactc	atatcaatca	60
ctatttaaaa	gtgttatctc	acttacacca	catcactcac	aatggccgcc	atcgctaaac	120
ccgctctcgt	caagcctgct	gcctacccca	aggccctccc	tgttgctcgt	gctgtcggca	180
gcttcgccat	tatcgccagc	tacgtgagct	cccagcttgc	caccacatca	gccaaagtctg	240
accgctcctt	tgcaaagtac	aacacagtcg	agagcgagac	caaccgagca	agaacctttg	300
acggtgccat	cgaggacccc	aggacaagtc	tcttcaacat	cctcgccgt	cgacagtaag	360
cgtgcaaata	ttcagcgaga	aagggcataa	gctacagaaa	catccatggg	gattcgcttt	420
gcataaacat	acatacacat	acttcttctt	tgcgtaaagc	gttctttatt	acgttggaca	480
acctcgctt	ttcaagatgg	cgcaggtacg	gaaacaacat	acatttgggg	tatctatgga	540
agattgggaa	gagggagcat	cgataccata	taaatcatat	aatctaagca	tcaaattaaa	600
ccggtcaact	tc					612

<210> 1863
 <211> 600
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 1863						
ggggccttgc	tcttctgttt	ctagagtcgg	ctcgcccgct	gctgggtgtag	tttcgggctt	60
agcatcctcc	tcgcctcct	tcttctctgt	atccttggcc	gcacgcct	tgataccgtg	120
aaccactcgg	aggccttcag	cctgtgtggt	tatcgcatcg	agctcgctt	ttcgttgaag	180
tcggacctta	atctccttgg	ccatatcttt	ttgagagacg	agaacacctt	ccttctcagg	240
atgaccatcc	tgaagtccca	gctccttgat	cttgaccttg	ccttcggcaa	cttcgtcacc	300
gccaaagAAC	attgcaaaag	caagccatta	gcctcagcga	ccttgaactg	cgcgcgcaatt	360
agcttgacct	tgtaagaaaa	tcagcctgac	aacatgttag	ccttttgtca	ttgaattgat	420
atgtcaatgc	acaatgctca	atgacttgat	acagctccag	actacgcaca	ctgactacct	480
cctcagaacc	tttcaggcc	agaataaagt	cactcttggt	cgacgcagcg	cttctcncgc	540
acttggtcng	gatgaganat	ttcacgcaaa	aatacgacca	gggatggnet	gcngaaaaat	600

<210> 1864
 <211> 623
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 1864						
gaagagggtt	cgcaacaaca	agaaccagcg	agccaaact	gagaagggaag	acaaagagcg	60
tcagagacaa	gaggccgcgg	acaaacgcaa	aggccgcgca	gaaaggcgac	gaggagagga	120
ctcagatcct	gcccaggaga	cgccccctgc	cacagtcaaa	ccccagcca	cgaagagtat	180
tgaggcacct	gtcattatgg	agacacccgc	gccagtcgag	cctgtaccgg	acacaccccc	240
tgcagatcat	cagcctgttt	caagcatcca	gaaacgtggc	ggaagaacgg	ctcacaagaa	300
aggcaaaagg	aggaaccagt	atacgagaga	tcgagacggg	gaaggcgagt	cgccagcgcg	360

gtcaatgtcg	cgtgacatac	agaagaccag	tgacgagccc	acgccggcta	cccgaaacca	420
acgagtgaac	atcgacatgg	caagtcgaag	ccggccattc	accacaagtt	gaatatggtc	480
gacatgaanc	ggcgtgntgg	cgccattatn	gattttatnt	cgaggactca	aagtagacct	540
ttgcagccga	aacttttgnc	agtggacgaa	tgagaacacn	agttaatggg	gggggggtcg	600
cttcaaaaag	actattagct	ttt				623

<210> 1865
 <211> 640
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(640)
 <223> n = A,T,C or G

<400> 1865	
gcagctgcat	cgtgctccat gaaccagctg cacttcatcc aacttcgata ctgtgatgag 50
ttgatagagg	ctctaatega gtgtgctgag gatcagggtg agatggtggc cnaccatact 120
gttgagggtt	ctgacgagat tcagttatca ccttatgaag acgttctgag agcttgctgc 180
ttagagcggg	tcaacattcg cgatttgccc gttttcggca ctcaagaata tgagttagaa 240
cgagctgtcg	atcgattaat atgtgtaacg acaatcttgc gcaattttatc gttccctggc 300
gaggcaaacg	agaatcattc tgttcttgca gatgagattg ttatcaagtt tctttgcgtt 360
gtcatcagat	atctcggcnc gcggatgatg cttctaagat ccanaataaa tacgttggac 420
tttatgaagg	atgttggtat tctgctttct aacatngntg gcacaataaa gattccagga 480
cgagagcagg	ccctttgctt ctacaattcc tcntancatt cgcgcggcg cctaattcca 540
cagtnttggg	cggaactntt ttttttngc aatacgancc aagcctgcac gcttacctgc 600
cccattgctg	tgatgccta acaaaagtta ctggcncccg 640

<210> 1866
 <211> 388
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 1866	
gcgcataaac	cctcttgaca tgtacaagaa cttctctctc atcgaatatt tcacatcctc 50
atctggaatg	atcaaccact ccaacctcac ccgccttcga ccagtcaacc agcgcanggt 120
ggccaagatg	gtccgcgag ttcagggaat gggtatctac ccagcgtgc acgcccattc 180
cgaaatgtct	cgtgaggatt tcttcacgca ccgaaagtag accagtcgta tatacaggaa 240
aaaagcaaac	gggaaacgag ttgttcctgc actggcgctt tgttgaatgg gatgatgtca 300
tgatcattat	ttttgnggtc ttatgtataa cagcctcaaa cctctatgta acatattgat 360
acaattgtca	acatccaaaa naaaaaaa 388

<210> 1867
 <211> 470
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 1867	
cgaaaattct	tctctctctc tctctctcaa agaagaccaa agaantccca ctctggaagt 60

ttttgaactc	cttctcgccg	atctcgtctt	ctacaacagt	ccatcatgag	cgccaaccct	120
gaagcacctg	gcgccccagc	cgaacgcctc	acctctacag	cttcaaccat	caccgattac	180
gcttatccgt	acggtcactt	tggtcatctt	acacaaaagc	aggaggaagc	ttttgtccaa	240
tttaagaagg	tcctggagga	gangggactt	ttgaagcctg	gtcctcctcc	ttctcatgat	300
gaccctttga	tcctacgata	cttgccgcga	cgacgatgga	atgtcaaaga	ccttatccca	360
ntttaaagaa	acagaaaant	ggcgaaaggc	aacgacttga	atgtgtttta	tgataccatg	420
atctcaacgc	ctacnattcg	ncgtcgcttg	tntctcaatg	gacagtcgac		470

<210> 1868

<211> 151

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(151)

<223> n = A,T,C or G

<400> 1868

nttnggggga	agaaacttcc	tcgggatacg	cccgccagnat	ccgctgctct	naacaagagc	60
cccatcaact	ggatttctg	acaccggtag	taccctcctt	ntactnctg	acgctgncaa	120
ctcggcctat	tntgccaaag	acagaggtgc	t			151

<210> 1869

<211> 655

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 1869

gatattccct	ctctcgtctc	acgggattca	ctaggacctt	ctgccacata	ttctcgtaca	60
cgctcgggca	gccccttcg	tgaagacact	gtncgcccc	accggggngg	cacgacaaca	120
ccaggaaggc	cgactntctc	aaggcaatcc	tcggccgnga	agttctctag	tcgtccggnc	180
cccganacaa	agattgtcgc	atcggaggcg	gaaggatcca	cgattagctt	tgccgccc	240
tctagtacag	attcagaaac	acaaaaagcc	gggccgtatc	gaccgagcta	ttcaaggcag	300
tcttctctag	gcaactatcc	gagcaaatcg	cggtcacagc	cacaaataac	gtnnnggtgag	360
aacgatagca	agaaaatntn	ttttgcggag	caaccagatt	acgagccata	ttcggcccc	420
cattctcggg	tcatttcg	acgtagtctt	cggggatctg	cacagtacgg	aggcgattat	480
ngngatcaaa	taccggaaat	gctcgaaaag	tatcgattan	gctctcacct	agaggangaa	540
gcgcangaac	caggtcacac	nccccanggg	ttgggagctt	gtnattcaac	gaactggcca	600
agcaanactt	aacncttat	ttggcaacga	attggatg	tcacanttcc	aagg	655

<210> 1870

<211> 545

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(545)

<223> n = A,T,C or G

<400> 1870

egtetactac	cttcgctacg	tccaaaaacac	cgactgcgtc	agcatccgcc	gctcagacga	60
ttgggatg	tctgctggca	atgttcgtgt	cattggcccc	agctacgacc	tcgtcaacaa	120
aaagccctgc	tccatgctca	aggcttgcgt	ggcctttggc	atcatgaacg	tcattttttt	180

cgccatcacc	tcagtcgctg	ctttcctgca	cggtggacac	atgagcgctt	ataaccgcag	240
ccactcccgt	cgatcttacc	actccagccg	tcacagncac	cgaagccact	ctcgctctgg	300
ctctcgtcac	aagcaagccg	tagccgncct	cactctngcc	gtgtctacgt	ctaagctgga	360
gcatggctgc	cgctgcgctt	gactcgagtg	ccagcaagca	cggaccagaa	caacaacaca	420
tcgaggatac	cggctttttg	ggcgtctacc	ggctcttcca	cttatattca	taccnaata	480
ctacaatacc	cagcccaatg	actggcaaat	ggnagntttc	gcaagctctt	canctttgtc	540
cgttg						545

<210> 1871

<211> 415

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(415)

<223> n = A,T,C or G

<400> 1871

ctaccagcca	gaatctcgtc	tcacagccac	gatgcttgcc	acgagagtac	tacgagccgc	60
cgcgggcgga	cccaagccca	acatcactgg	cttcaacatg	cgagcggtcc	aagcatccac	120
tggccagcct	ngatacgatc	cctgggagcg	aaatgaggcc	tggcgatacc	agggcccccta	180
caccgcgtgg	aaccgtctca	agagcggttt	ccctgggtctc	ggnatngcga	cagtcgcctt	240
cactgtctac	tgcggctacg	agtatttctt	cctcgaggac	gagcaccacc	atggcgagga	300
gcaccattag	agtgggcatt	tacggcagac	gataaagcgg	gaagatcttg	agcactgttt	360
gggtgtgggg	aagtttgtca	tatacctcgn	aagcgagaaa	gngtcaccng	attac	415

<210> 1872

<211> 593

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 1872

gccgaggtta	aggagtcocct	gatcgaggct	ggaaaggctc	ccgaggctgc	tgccaacact	60
tctgccgtcg	aggacaagaa	gctgtcgaga	gcgagctctt	gaaggaagtg	aagcctgtta	120
ctggcattta	cnattctgtt	gttgagcaag	agcagcccaa	ggacgaatcc	aagcaggtat	180
ctcctgaggt	tcccgcctcan	gtcaaggatt	ctattgctga	ngctggcaag	gcccccttaag	240
ctgccgccaa	cactgaggct	gtcgangaaa	anaagcttgt	tgangctgan	ctccttaaaag	300
aaatcaagcc	cgcgccca	attgatgaaa	ctcctcaggt	tgtccttgaa	gtgcctaccg	360
aaatccaaga	ntctnttgtc	aagcccggtta	cnccttgagg	ctgcacttgc	accnaaactt	420
cganaacaan	aaggaagtta	aactcaactc	ctccaggaag	cnaacttgtc	cctctntcng	480
aaacccaaac	ctgcctttta	aggccancct	nactctctgt	cagcctcagg	aaaacaaaat	540
canaactggt	tctcccttcc	nccttttttc	ttccccaaaa	aaccaggccg	aag	593

<210> 1873

<211> 810

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 1873

agaacttnca	tccaacacaa	cacaatcaac	atcaacatca	acaactaccg	accatcttta	60
ccaacttcca	agcattttaag	tttataatcg	acaaactttg	gcattgtaac	gaccgggcaa	120
tcggccttct	acttgacaac	tacaaactca	ctcgattcga	ttctttgggtg	tcgccaataa	180
cgatacctct	acacataaac	actatgtcgg	ctcccggcca	gaataatgtc	gacttcgacg	240
ctctcctaga	tcttaccgag	tacgatatgt	tccagtctcc	ttctctctca	ccagccggca	300
catcaaaggc	taccttcaca	agccctgtaa	ccgctgcogt	tgctgctccc	attaccacaa	360
ctgcccagag	cttgagcggg	cccagtcaca	actatgacat	gtaccgacaa	cagacaggct	420
tcgtccctgg	agctatcgcc	agcaccatgg	gggttaacca	gaccaacaac	actgggttacc	480
aagacttccc	gtagcttggg	ctactctacc	ttcagccctg	aggctgatct	cttcgacttc	540
aacacctctc	ttacaaggna	ccatggggcg	atcagaaatg	ggacatggat	tttgagtcac	600
agaccgagac	acacaagtct	tactgttgac	ccagcagtat	cgagcaggaa	atgatggcct	660
tctttgccgc	agtcttgcca	ctcagaccac	acgtcggcga	ntttggccgg	ngccaatcca	720
ggccgccttg	caaggttagg	ctaacaggac	ngagnaccgg	tcnttaaaga	caganttaag	780
ccgggattaa	ccaagtttgg	gggaggtctc				810

<210> 1874

<211> 336

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 1874

ctgaactggt	agtagagttc	aagagggaaa	aaaggacgaa	agacatacgc	atcaacttca	50
tcctttgtag	gataagcacc	cattccgagg	atnccattct	cagactggat	atncacagtc	120
nagtcggcag	gcttgancn	ttttgaagct	cgtcttgona	tacggtttcg	tcgntcttga	180
ncttcattgc	agcctttggg	ggctccatct	gaccctcctt	tntcaacttg	aggacctcga	240
tattntttct	ggcgngggcg	gggacnattc	natcgacaaa	aatgccgggg	aggttgacat	300
cgttgggggt	gattccccaa	cttcacaatg	ttctcg			336

<210> 1875

<211> 166

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 1875

nttnattcct	gcggttttct	ctnaccatan	ctacgaanan	tatccaccca	nnactttaca	50
atnatcaaaa	tggtnttact	ggtgattgct	ttnatctcga	tcctaagggn	cttcctatta	120
tgtnntgga	gagaggccta	ccgntgaang	gcggtttttt	gncatc		166

<210> 1876

<211> 599

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(599)

<223> n = A,T,C or G

<400> 1876

gtggatgcgt	tttctgcgtt	gaacgltgta	cagaaaactg	ggtggctcga	ggaccaagga	50
------------	------------	------------	------------	------------	------------	----

accacacggc	ctctctacag	ggctttgctt	cggaaccggg	atcttattga	cactgcagcc	120
tccaccatag	atactatgca	caaggagggt	cctgtgcctt	tggatgcggt	catgggttaca	180
gtcgaggcca	tggctaaaac	ccgaacttcg	gaggctgcca	tgccactctt	tcgcaatgca	240
tacctcctta	gcggcagaag	cccccggttc	agtaatatgt	gacatctagt	taagcacagc	300
gtcaaaacgg	aaacaaagta	tgagcttgca	aagatgtgct	acgtcgaact	atccaaaacc	360
aagatcccta	ccacgcgggc	atcagaaagc	gaccaggctg	ctgcgccagt	gagcccatat	420
ctgataagac	tacttctgaa	aaagaaacca	ataccgaaac	tacactccca	agactggttg	480
agctgaaaat	catgcgcact	caacnnatat	acatatgtca	gagtagcact	tgactacatt	540
agctatggta	tncaactcat	gncatactc	actcaaagtg	tggaaaagcc	gatcaccta	599

<210> 1877

<211> 543

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(543)

<223> n = A,T,C or G

<400> 1877

gagaattaaa	ccctgctcct	tcttctgaat	cagaacaaac	ataagggaca	gcagcaccta	60
ctaaggtacc	tactagacac	ccactccgct	agacacccac	tgtacgatct	acccaatacc	120
attgtaacgg	gcgcaagcct	ccgctatccg	gccggtgacc	gaagtgccag	tgcagtgcac	180
tgcagtgcag	aagcaaacca	ccaagaacgg	aaccaagatc	aaagagaccc	atcgccaggc	240
cagaccagac	ttgcttggcc	agtccccacg	attttcgtca	ccgcaactgg	gtctggggag	300
gtctccgttg	ctccaacgcc	accacgcctc	gaccaggctt	agatcatccc	tggcctgcca	360
ttgtaccgtg	ctgtacacac	ccaaccagaa	ccagatccga	aagccacacc	cacaacncac	420
accaacaagc	accggttacg	ctacgtncct	tccngtacgc	tagaactacc	cccaacanaa	480
ctgtcccttg	cccaagctta	ncccaagggg	ccccggnta	tcactactct	gcttnatcat	540
ccc						543

<210> 1878

<211> 627

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

<400> 1878

cgacgtgggt	aaaggtatac	ttcatatgat	attctttcac	agattctttc	cttctctagt	60
tcttcaaact	cgtgaagttc	tggacctcac	cctcccctat	gtggacgacg	atgagctcga	120
gaccatgata	gagcagcgcg	tcgcggcggt	tgagcgacag	atagacacac	agcgctcatc	180
cggcggaaca	aacaatgttt	ctggtggaag	cgcgaccggc	gggcgcggac	agatggttgt	240
gcagttcttt	gagaagcgcc	ggcgcaaggc	ttggttatct	cgtgggggatg	aagaggtttg	300
ctqqaatqt	tqqacqatca	aagtaaccgt	cgaacgagcc	cagaacagaa	agcgagcggc	360
caaaggctga	cgcgccatgg	aacaaaccc	tctaacgacg	gagatgaaaa	tggtaggttc	420
gcaaacactc	ataagaccac	atccaccatn	accaccaagg	gacgaaccgg	ttccatacaa	480
gattaatctc	gaccagaagg	aacacaggct	gggcaacacg	atgcgaattt	ctgaggaacc	540
cgtgaagctt	gaaccagact	gagaatggct	aaggccttnt	gtatcaaate	acaaggntna	600
ggtggcctan	tcttgtcgat	tgcaatn				627

<210> 1879

<211> 537

<212> DNA

<213> *Fusarium venenatum*

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<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 1879
ccaggccaga cagggatcag accgaagctc ggctcccgtc ttgcttgatt cattatctcc      60
tcttggtctg cctttgcttc tactgtctct gcgcctcttg cctgcgtgcg ccgcgcggtt      120
cttctctctc tctctctctc cttaaactcc tcttttcggc atcttactta ttgttcttat      180
tccccctact cgcgatcaat tgtgactctc tggccaaccc taccaatgat ggctagtcgc      240
taaagttggg atcatcattc ctttactcaa ccgttcaatc cacaagctca acgccgatcg      300
ccgcgcgctt catagactac ctactgttag ccagaatggg ttgctgtctt tctcgttctt      360
cggggcccaa ctacacttac cgggtggcg cacccaatgc ttcactnngc tgctatcaat      420
ctccccccgc tgtccctccc tgaagccgct aaaccacaaa tccctgccga aaagaatcgt      480
cagcgtcgtc gcaacgaacg tccctttgga accagcatat ngacaagccc ttggcgg      537

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<210> 1880
<211> 631
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(631)
<223> n = A,T,C or G

<400> 1880
aacgaccaca gtcttgcatc tcgactatcg cagtcatcat cccaggtccc attttcgacc      60
atcgggaaat attgtttctg acgtgctaata tctctttcaa ctcggtcag atacaccgcg      120
accgacaatt cttccgattc gagccagctg atcgtcgacc tcaacccccca agatgtcgtt      180
cagtttcgga aacacaagct cttcggggcg atccaacaac aacacgacgt cgagtgcgcc      240
ggcatcagga aatcttttcg gtgctgctac tggaagcccc ggcttctcat tcagctccat      300
cgggtggctcg ctgncggcaa cagctcgaca cccgctagca acagttcagc aacttggtng      360
tgggtaacaa agcagcgcaa cagacagaag cccggtgggg gtcttttggg ggcgggcgaa      420
cgcgaccact accacccctt cttcagcgga atcttcggcg gtggcagctc tactactctg      480
cgacaagcgg cttttggaga ngtnntctac tacacctgca gcaccacagt tcttttagcg      540
gtggatgttg gcggcgccac tgtagtctac tggcctgttc ggangatgtt ggaaccagga      600
agaacgcaag caacctgcgn tatttttgga g      631

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<210> 1881
<211> 729
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

<400> 1881
ggaatttttt ttttttttta aggtggttga acatatggaa ttatggtatg ttttaagaaat      60
ttatcatatg tagtcgtagg taggatgctt taagcatcat cccattcgaa atgcacccca      120
acgccttcca atgctatata caagtaactt gtgcattgtt caaatcggtc ccaatattca      180
agtacccatg tataaatgct gttatcgaga ancggtaccg tcaggtcttg ctcggtcgaa      240
gttgatcgaa aaqatcagaa tgttggttgt atatccttla cagtcctaccg tcaaaaggcat      300
actggcagcc aaaggccagc caaggatgac agcgaagcca gggaagaaga agagggcttg      360
gctgccaaact ctcttgaaca tcttggcgta atcaggagaa gcgggcttct gaggtcgggg      420
aagacgctcg aaggggtgag attccatagc tcggccggca tttcgcatcg cagtcaggag      480
agaaaactgg cgagtctgaa cagcgcgggc gccagatcga acaacgatgg aagacatggt      540
gattgattgg gttgatttgt ttttttggtg gaaagltgta gttgagttga ttaagtcaaa      600

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gacttaataa agtgatagac tcgaagaatt gagtggcgat ttggttggag tggagaagtt	660
gttactgctt tgatgaagct gttgatgggt gatgattgtg atgagaggag aagactactt	720
tggaacgg	729

<210> 1882
 <211> 701
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(701)
 <223> n = A,T,C or G

<400> 1882	
gggcaaaaga ctatttcgga cctegtcate accctcaaag ccccccctcgg cacttttggg	60
ttctttgaaa cttcctacgt ttatacgacg acctgcagag cctgtcacag cggaaatgca	120
agaaggaacg gaggggcaat ccacacctat tagtcctgcc acacagcccg agccagaatc	180
gaacctnccg cgcgcgcccc actacaactc cgaaaacgag gagacctagg cccaagcgtt	240
tgaatatgct tccaacacag ccagaaaatt ccgagctgag tacagagcca accccacgac	300
gcggtagccc atcttccttt gctcgacaac gcatgcgcga aattgcagcc aagaatgcac	360
cttttgacga tcccgattct caaagggcag cgtggttgcg agcgctttcc aagggttttc	420
ctggctattt ttaaccacgc ttggaatggt ttcaaatctc ggcgacaact catgttgcac	480
ttactggata ggcattgctt ttccgggggt ttgtgtcatg aacaagggtt tagggatggg	540
cttgatccca tggacggcaa ttgtttttca cgactattat taggatttat tggatgcattg	600
ggtagacatt aatgaaggct gttggctcgg gttatgatat tatatatatg caancagggc	660
gacaatnccg cgtaangagg tagatncat tagnaattgtt g	701

<210> 1883
 <211> 357
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 1883	
atcactattt ttatctttctg tcacattttt ggacctctac ttttcaggtg ttctctgtct	60
ggacctccag ttctgtgcga aaccgtcgat aaagtaaaga ggacagacta tcgacgattt	120
tggacttttg ctacgatttg cactttaccg ccaaatatcg aattatctaa catcctaate	180
aagaaccgaa gatgaacgcc cctgatcgtt tcgagctctt cctctcggag agggtagaaa	240
gaagacgagg agaaggctt ctntggaatg tccaacacct ngactttgtt cttatgaagg	300
aagaccaact tttgggaacc tcctatccga gccccttaag aggcacccaa cgccata	357

<210> 1884
 <211> 447
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

<400> 1884	
ttttccacca ggccgggcctt cgggttcagt gtcgagggca agttcctcca agatgccacc	60
tggttccccc ttcttntttt ggttacccca gcccacagga tccccagctt ccttaggttc	120
ctcctcgggc tcggcacccc atagcgtga tgglllcltg tcccttttgg ttccgaatcc	180

ccaagcatca	tcgtcatntt	tcatecccaa	gtcgccgtgtg	ctgcctttcg	gtttgnccca	240
aggattatct	tcggccttcn	attctggcgg	cggcggcgtt	ggtgctgggt	gtggttcatt	300
cttcgatccc	cctccccaac	cccacccacc	accaccgaat	cccaattttg	cgccccagct	360
ggatatgctc	ttgttttctg	gagggctgag	tccganatcc	aatttgcttg	ctccgaggct	420
gatattatng	aaagtcgtan	gaggctt				447

<210> 1885
 <211> 599
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(599)
 <223> n = A,T,C or G

<400> 1885	
cagggtcttt	taatatctaa
tgttttttacg	ccttcttcca
caatacacac	aaaatctttc
ccgtcgccgc	caaggagacc
agctccaaga	gcttgccctc
agaccgatac	tctctgggtc
agaacanaac	aggtaccttt
ggcaccgaca	ccaaagtacg
atacactggg	ttgccctccc
tctgtcaaga	aaaaacgata
	gctaccaagc
	cacgggacga
	gacaatctag
	cttggcaatc
	catacacaa
	caacaccact
	cttgcacaaa
	gtccccgagc
	agcgccctg
	taccgcctc
	aacaccgccg
	cgatgtctac
	atcaacgaaa
	gctgaagccc
	cttcgcatgg
	ancctgggca
	agatcaaaaa
	ctggcgtctt
	ccacaccttg
	tccgcncanc
	aattcttaca
	acaaaaatt
	50
	120
	180
	240
	300
	360
	420
	480
	540
	599

<210> 1886
 <211> 327
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(327)
 <223> n = A,T,C or G

<400> 1886	
nggctggaag	cgtaaggctg
ngaattgggt	ctcaagtcgg
aaccaganga	aaggtagagt
aggtattctc	caaacccttg
tgtttggtgg	catncaatta
cttctactcc	tttacanaac
	ccggcttc
	aaactacgct
	tttcgtcgca
	tcccctacga
	cgctcgtngcg
	aggatatcca
	ataccaccca
	gcaaggctga
	acaaaaanaa
	gcttgccttg
	catcatccca
	accttccctt
	60
	120
	180
	240
	300
	327

<210> 1887
 <211> 1239
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1239)
 <223> n = A,T,C or G

<400> 1887	
cttgcatcc	tttaattgct
atacttgaac	acaaaggatt
cttctactac	actcacaata
	ccacacatca
	cgcagccat
	ggaattcgat
	tcttgggctc
	ttgcaatact
	tcaactcgata
	gttaacccct
	tcaacactac
	50
	120
	180

actctttctg	ccttgccctgc	gacaagcaag	tgcaatcgtc	ttctgatgcc	tactgctccg	240
agtctttcag	actggggccga	cttcgagaag	acatcaacaa	caactttctca	agccaagctc	300
acccggcctc	actttctcctt	cctgccaatg	gtcatcgaaa	tcctctagct	cgggcttcta	360
cctctccccc	gcctacgatt	tctccaacgc	aaagccatac	ggatcaaggc	acatgagcca	420
acccaccttc	aagccctacg	gcactgagtc	gactggcaac	caccgatccc	ttacccccctc	480
cagctcccac	agcagcctgt	gtcccatgca	gagcacctca	acaacaggga	gagcaaagcc	540
aactgtttga	caaggcgagg	aaggaactcc	gagcgtacgc	tgtgtctttc	gacaacgtga	600
ggactcagcg	acgacgatcc	tactaagcac	tccactacta	ctcaacttta	accacgacat	660
cttacatacg	aaataacacc	taaaacatat	taccacgcaa	cttattcaac	acacacaact	720
tattcaacaa	ctcaaacatc	attgcatcaa	cacaacgcct	caaactcaac	ccacacctca	780
acgccttcac	atttccttat	cttgtcgaag	aatctattgt	accaaagaag	ggcattatac	840
cggagcactg	cattaaaaaa	aagtttggtt	taacatggat	ccatgacgat	ttcttttcat	900
catgtcaacc	atcctttttac	ggngggggat	catctggggc	ggttcttttg	tccatcgggg	960
ttcatggata	tgaaccccaa	gcaagaaggg	atatcttgta	ccaaatacac	ggcggattga	1020
tatcacatga	agtttcggag	catggattac	gggagcacgg	gaggttttca	tgataccggg	1080
atacgacggc	tggggacatt	tgggtcaggg	gtacaggaac	gaccaggcaa	naagccqgtc	1140
gatggattat	tctattggga	ggtataactt	gagcttttga	ctacggggca	actggggcat	1200
cgacaggaac	tgnggggaan	actgcactca	ctgcncaag			1239

<210> 1888

<211> 583

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(583)

<223> n = A,T,C or G

<400> 1888

cgaaggttgg	cgaggaaatg	gcagctgaag	acagcagacc	tcactaccgg	actatgcntc	50
atctatccgg	aatgccagct	ggtccctccct	ctacactgtc	ggactctggt	aggttgcatg	120
cccagggggc	gatgtcttct	cccggaatac	aacctcatca	ctctggtttg	ccgccaagcc	180
atatgacaag	tgcgcagcaa	ccgcctccac	cacaccatca	aacttcatat	tctcctaatt	240
tgcaagccgg	tgcaccatc	cccagccctg	gacccccaaa	cgacaatacc	acacactggt	300
cggaacact	acgaagacaa	ggcacagggt	gatctctctt	tggcgtagaa	ggacaacaag	360
cctttatgac	acttctctgga	aacgaaacac	ctatacccg	tcatatggac	ttttctcatg	420
cgtctaaaaa	ggcagacgaa	aagagacacg	aaatgccgtg	gcttcaacga	gacatcgaag	480
gaaaaagaag	attatgcagg	aggaaaactc	aaaacaattg	caagaactcn	ggatganaga	540
cggatgatgg	aaatcaggat	tgaagaattg	accagcagcg	ana		593

<210> 1889

<211> 590

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 1889

ccctttttctc	ctccctaagc	cacgcggtgt	atttccttgg	taagcggatc	cgggaggcag	50
cccgatcacc	gccagacgat	agcccatcat	gtccggacga	tacgaaagag	tcaacgcccc	120
agacgaggaa	gaattcagga	ataacaataa	caacacccgg	atgtccacag	tcccccccca	180
ctcgccacca	ccctgttttc	actctcgagc	ccctctctcc	cagcgccagg	tgcacaacac	240
tctcgccgat	gcctttgaag	atgacgacga	cagtgcagat	gacgttgacg	accgacagcg	300
tttgatgcga	caaaactcga	cgcacatcatt	cgagacggcc	aatgcgacgc	aaactcccca	360
accggctggt	cgggcaccag	cgcacatctgg	ctcaagatca	acaagaattg	taggaggagg	420
ctcaggatcg	gatgggtggtt	ttgcacaactt	gtctgcgcgt	ccagagcgan	qnaacgctga	480

tcccgagaag gatgaactac caccgtctta cgaacaagct gcggccgatg ctgctcctcc	540
atactgggga aacaacaatc ctgctcctg gcctgggtg gcccgacaaa	590

<210> 1890
 <211> 482
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(482)
 <223> n = A,T,C or G

<400> 1890	
ctcgcatatc acaaattgtc tagttgcggt tatacagcgc gctgctaact tatataccca	60
tctactcact gaataagatg ctgatctcaa ttgaactgat tacatgagtc tgcactaatt	120
atcgatcaca aagctcaaat tgttctgttt tgtttgcata ctcgagcagg ctccacctat	180
gattgaagtt gaaggctcgc gcttgaaggt tgtttgcaat ttatggaagg agtcttctgc	240
gtcgatgcac ccacctgtag agatgattca cttacacaaac tccgcactga tctaaactcc	300
ccatcatcaa tcatccatca cataatgaan aatatccttg nctatgtat cctaaaaact	360
acctcctnaa tctntatccc aacgctctga tggttganag aaccggtgcn nactccccnn	420
actcctgggg tcattngaac accgcttcac acaganccga ntgccttgan ggtgccttcc	480
ca	482

<210> 1891
 <211> 623
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 1891	
tcgagccag cctcggcag tgtgcattgg tgcgtgatga agtggttcga agattgacag	60
ggtctcaaca accgcagcct cctctgccac cgctcctcc catgatgacc caccaccctc	120
ctgcaatccc tccacctcag ccagatcaac caatatacgc cgatgacgac cctgaagttg	180
ttctgcagaa tgccttgctg cagcttcagc aggaagagca ggccgcccag gaggaggctg	240
cggtctgtgc tgaggaaagt gaggctgcgg aacgagtcgg gctccaacaa aacagtatca	300
tgaccacacc tactgcgct gctcttctg ttcagcgctt cacagctacg ccggcccatg	360
acttgggtgc tgatctcaca ctcaactcga tcgcatcgga gacgcctgtc gtcgagatga	420
acggccttga gatgccccct tgtgtcaatc agcgcatgct acgcaccatt aagggaagctg	480
cgagcatatg tctactatgt gtgngtgatt aatgatcggt tgggcatacg ggcgttttag	540
ctttgcaaat ctggcttcca taggagttga attcggtaga cgatatgatt ccggcaaaca	600
tgtttttnt cncacccnca att	623

<210> 1892
 <211> 588
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 1892	
ccgcactata acaatggcgg acgancgct ggtggacgtg gacgtggata tctggccgc	60
ggtggccaa gacagggcgg tcgangtcgc ggccggcccc gcgatctcga atcctaatat	120

cacatatact	catgcatggc	gttaggtggg	cgagaagggg	ggtttacgga	tgaacttttt	180
tcgacatgat	tttttttgta	ccgggacatc	atttcagttt	tggattgtac	attattcgca	240
tattttccgc	gaatggagag	aacggcgaaa	cggacttcat	tgcccatgga	tcacaaccac	300
ttcgagactt	ttaccatgga	tcttcacgca	aggactcaga	aaaacggcac	agacctgcat	360
ggttcacatg	ttcttggaat	gatagcetta	gtggttccct	tggctcgagc	ctgtcattct	420
gtaccatccc	catcagcttt	gatattctgt	ttggtttggg	tcattgatatc	tacggatgat	480
gaatgaganc	aagaaatgga	acttccaagg	gaaaagggtg	tctttangca	tcaaccacgg	540
tagacatacc	cgctttgggg	ctggcacagc	caactgggtgc	gggaagaa		588

<210> 1893

<211> 850

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 1893

cactatcggt	gtttttgaag	catctacatt	cgatcttttc	accttcggtt	tcacgtccaa	60
cccgatacat	totTTTTTat	tactcaacta	ctaccgctcg	ttaataatat	aaaaccttca	120
aaatggttcg	atctcttget	cttttcgctg	gcgccattgc	cactgtcgcc	gccgccccaga	180
caaccacgt	caacttcttc	ctccccggat	tcgatgatca	acctctcgtg	ggatctgtcg	240
tcgctgtcaa	gggtgaggcg	accagtgtcg	ccatcaactg	tcgtgaggga	accgacccca	300
gcgactgcgg	catccaggaa	gagcgcaacta	ttgttggtgg	tccctccacc	atggacatca	360
gctactccta	cagccctccc	gaggagtacg	gcggtgggtc	cattgatcaa	agaactggct	420
gcaaactgga	ccccagaat	gatgtggcct	tttgctctgt	tgaagcaaca	aacgtcattt	480
ctgggtgttac	cgagtctatg	gccacctcaa	ccgctctcag	cggatacaag	caactcatca	540
tgcccatcac	catcactgct	ggcgccgaaa	anttgaacgg	tggtgacctt	ctgccactgc	600
ctctgcctct	gactccgagg	ccactactgc	gacaagccca	aggatactgg	cgctcagcta	660
ctgggttctg	ccactacttn	tggagctgac	gctgatgcca	ctccctntgc	cgttgagctc	720
gacaacctgc	cggccccatg	atgacccaaa	acctattctg	gctgccgctg	ccatttgcg	780
gggngctgn	tgccatnttt	ntttaaangt	ctccnccaaa	aggaaatgaa	tatttggtaa	840
cccnttaacc						850

<210> 1894

<211> 898

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(898)

<223> n = A,T,C or G

<400> 1894

tttttttttt	ttttttatga	ttaattaaagt	tattgtcata	ttgattttcg	actcgcgtcc	60
tttttttttt	adtcqqaact	tatccaaaag	gccatgatcc	ccgtcatcta	cacatactcc	120
tttttttttt	ctattaaaaa	gttgtaactc	aagggttctc	aaaaggataa	catatacatc	180
ctagcgtcag	aaagaatgcg	gcaacccgct	atgtaaacac	caaacgccca	tcgtcatgct	240
ttgcgtctct	aaactgtact	tgcaacaccg	ataattttcc	ccatgattgc	tcccgttcaa	300
atgctgcgcc	tctccagggt	gatgccgatt	aggtaagtgt	atatattcat	ttcgatcttg	360
cggggcttcg	taatttggtt	tcaaaccaag	tttctatagc	cnaaaagcgg	ctatgtccgg	420
cttaattgcag	cttggttggc	agcctgagcc	gcctnttggg	gcaatctgct	tctctttagg	480
gatagtaagg	gcgttgatgc	cgaggtagtt	gcagatgctg	glaacaaaga	gccaggccca	540
gcggaaatac	acaaccatgg	aaaacataag	ggaggcccac	aggtagaaaa	gctcgaactg	600
ggcgctgagc	tgagggagtc	cgattcgggg	caagttggca	aggatagcac	caccaacgag	660
agggtagacg	atgaccgggc	caccagggga	aaggctgggt	tgtcaagtgg	gcgagaataa	720
tcttggttlt	caagcgacca	aagacaaatg	acatgataaa	gcagaaaagc	atgaggtggg	780

tctcggatcg aatgggtgctg taggggggaga agacccaagc agcgattgag annngtgtaca	840
cacccatggg aatccactcg atgaagacag ggagaatggg ctctccccga gaccncg	898

<210> 1895
 <211> 512
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(512)
 <223> n = A,T,C or G

<400> 1895	
acaacttcga tttatctatt tacttgctcat ctcaattctt ttctatagaa cttgcctttc	60
tttctttctt tttcccatca tggacaqtte cgcgcacatat gaagtgcgag ttgtcgggtgg	120
tgaagataac atctccatcg tcagcttcga cgacatccat tccagggcca ggtcgaattc	180
cagatctatg cctcgcctc cgatggcgcc atttcaaggg tattatcctc ccgcagccag	240
atctccctgg gacaaccccg aaacccttta cccaagacaa gagatactta aggtcaatgg	300
caaggtcccg gacgtccttc acgccatcga gtattttgat tcgcgtgaca gattataaag	360
cgtcgacaaa gcgctcgggc tttcaaaaat gtaccccat tctctgcagt catgaagaag	420
gtgaagtcca tggcgagact ccaatgacaa ggacgcctgt ttgggaatct tacagagnct	480
atccgctaga acacagacct caaccggccc ct	512

<210> 1896
 <211> 666
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(666)
 <223> n = A,T,C or G

<400> 1896	
ctctatttta gcaaacacat ccaatatgaa gctgcagact atcaccactc ttgccctttc	60
gggtcttgct gctgtcaga gcggtcccaa ccttactgcg gctattgaat ctgagaactc	120
tactctctcc tcgcttggtg ctcttgctgc cgctcagcca agccttcttc gagaccttgg	180
ccgtcttcga aatgttacta tcttggtccc aagcaacgat gcctcagagg agctcctcaa	240
ggataccacc gtcgtcga tggtcgatga caaccccgag tttgtcgcca accttctgtc	300
gtaccatac ctaaaaggca cctactatgc cagcaacatc accgacatgg acgcacctgc	360
cttgcttctt acccactga ctaactcgac atatgccaat gtcactggcg gacagcgct	420
cgaggtcatg gccatgaacg ataactgacg cttctacagt ggattccgtg ctgagtcgaa	480
tgtaaccaag gotgacctca acttcaactgg aagggtgcat tcatatcatc aaccgtgttc	540
tcagcatccc ccaaaacatc tctgatactg cgtngctgcc aacctttncg ccgctgctgg	600
cgccctcana aaaaccaatg gtgngaccaa ctnaacaach aaanaaacgt tcttggtttt	660
gtncct	666

<210> 1897
 <211> 583
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 1897	
ctctctgatg ctaccgttct tttccgtgac atgggtgggt atgcgctac caacgcgct	60

gccccgtgttc	gaccctctca	ggagcagctc	cagcagctcg	atgagcctgc	tcaagataac	120
gtctggcacg	agggccctga	ttctctccaa	gagaacttca	agcatcaggc	caagggcatc	180
tatagcggaa	acccaagca	ggatgctaag	gacatcgctg	ccgctgggtg	caactctgcc	240
gccccaggac	agcagggtaa	cctccagccc	aaccagagtg	cccaacctca	ggccaccacc	300
ggctcgagac	tggcaacatt	ccctccactg	atgctgctcg	tgacgccgct	cgccaaaccg	360
acccccaggc	tggcaagagt	gccgncaagc	angtcgncga	gcaaaaagctc	gacaacaaga	420
tcngaccctg	agactaagga	gaacatnctc	cagcgcaacg	aggagtaccc	ggcgnaaggc	480
tcacgactac	tttnacaaga	anatgcctta	agagcgcaag	gaccagacta	tctggcgctt	540
naagaagatg	attcttgagt	gccacaagc	acgaggacta	ctt		583

<210> 1898

<211> 120

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 1898

nganactgat	actactaggt	gttctttact	taacngagga	angcacaanc	attgntcttt	60
gtncgcgtnt	attcaagaac	acantttctat	acttgagcgc	tnggaggact	gtncatggaa	120

<210> 1899

<211> 626

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 1899

cttctctcca	aattcgcagg	gcaaaaagctc	caattcgcgc	atctctccgc	ctcaaactca	60
ggcgctgcgc	acacaactca	cacctcgcag	ttctacctcg	actactgctg	tcccttctcc	120
gccaaagatct	tccgcacctc	ccgctccgac	gtgatccccg	ccgttaaagc	ccatgagcac	180
tgggcatcga	gcctcacatt	tatcttccgc	cagcagggtcc	aaccatggca	cccttcgtca	240
acgctcatgc	acgaggcggg	cctggcagtt	ctgcgtctcg	cacccgagcg	cttttgggac	300
tttagcgcag	ctttattcga	ggagcaaaaag	gacttttttg	atgtgtctgt	cgtgaacgag	360
acacgcaatg	atacttatcg	ncgtctgggc	caagattgcc	gnaaaagacn	ggcgttggtg	420
aaacaaggng	tccaactggg	tgggaltccc	gcaangctgg	tgatgatgga	ccgttgatgc	480
ngggaataag	gttccaacga	cctaaggtn	taccagatga	accgctgatg	gcggnatatt	540
acccacnntg	ggttgacggg	tggttnagang	taacttggtg	gaacaaaacc	atgggtgagg	600
gttgnaanaa	tttgcctgctc	cattgg				626

<210> 1900

<211> 650

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 1900

ccgataagaa	gtctttcatg	ctttttgcata	tgctaataaa	gcctgctcat	ataattgacg	60
gagaactcaat	tgctcaccga	aagaatcact	ctacggcggg	gcacgtgatg	tgcgtgtctgg	120

caaagccgcg	attagcccca	ccaaattgaa	ttccagcttg	cccctcgtga	atcgaacaag	180
agaagacgac	tctttgtctt	gacgtctttc	ccaaaccgta	cacctccaaa	gatcgacaag	240
atgactgac	tcgatgacgc	acacattttc	gtgcgcttca	agcatggcat	ccataccatc	300
tacctcttta	tcgacgccct	cgcacccttc	ttcaacgtca	ccgncgaact	taccagcgtc	360
ataagtgagc	gataccccc	gggtcttacc	acgttcatct	naccttccaa	gaacactcat	420
gtcgacgaga	actcgattat	tgtgtacggn	gcattgaaga	ttccgaatga	tctctcgtcg	480
ggatgggtga	aagctcaaga	cgggggacng	agagagcacg	cctacaaaaa	tgggattgga	540
gaataatagc	ttgcttgggt	tgctgtggcg	aacatgagaa	ngacgatncc	cagtttgagg	600
nggagtgggc	cgcaagangg	ccaaagagga	ttatgaggga	tgngaggggg		650

<210> 1901

<211> 650

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 1901

gccgaggaga	cggcaaccca	acacgaacgc	gcacttcgtc	gaatgaagca	ccagcttgac	60
aaggcagaac	gcgaacgtaa	cacctggca	acgtacaac	ccaacatcag	caagcatgac	120
cggcagctga	gaaagaacca	ggccgagatg	gagaaccttg	agcacgatgt	tctacagcaa	180
caagaaatta	ttgacaacct	tgccgcctct	gaagcttctc	tccgacgcaa	gctagagcga	240
gctcgcaatg	agcgggcagc	gttcgcgatg	agcgcgcgaga	agttgcacaa	ggatcttgag	300
catgtcaagg	ctgcagcagt	cgcgcgctaga	gccgggactc	cagatcgacg	aagcgcagta	360
gatcgcaagg	ctcttgattt	aactattgaa	ggagctgac	aggctctttg	agactgtcat	420
tcgcgcagct	gaaagcgccg	accagcgta	caggaaggag	ttgcggggca	tgtttgatgc	480
anatggagtg	gatgcangct	cgaatcaagc	gccgaagcct	ttntttngag	ctgatgncn	540
atattgcaaa	agaagttcct	acagnttgaa	gctttgccgt	cgccaatgca	tgcaacaagg	600
gtcaacttcc	gngngctcga	gggatatttg	canaaaaacct	tccttgggat		650

<210> 1902

<211> 596

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(596)

<223> n = A,T,C or G

<400> 1902

ggcatatctg	gcttcgaaat	atctagtctc	ggacccaaaa	ccagccaaga	aacgaaaacg	60
gaagcgtggc	gcgaagcca	acaacggcct	tcttataaca	gacgatgacg	actcgggttg	120
gggcaacacc	aatgcgcaag	acgacgatga	agatcttgat	ggtccgggta	cagtatcagg	180
gcaatcttca	gagtttcgaa	aaactaagaa	gagtaactgg	aatcattag	ggggcgacgc	240
gactcccaag	gatgattctg	ctgctactac	aaacqccatt	ctagcatcgg	cggcagcaga	300
gcagaatgca	gcacgggatg	aagacgaaga	catgccaatg	gtggagagatg	atgggttggc	360
tgtaaaaatg	agcgatgaa	cacatgcagg	attgcaaagc	gcagcgaccg	talcagcgca	420
gttaagcgca	cggcagaaa	aggaacgtga	ggagtttgaa	agycocgcaa	atcaccaagg	480
aagaagaaac	agtatcccg	gatgcactgg	ccgaagaatc	gacatatcta	tgaagcgccc	540
gaacgcgaag	tgcacttgcc	gatgccgaaa	anaaagaaca	cttggccaaag	aaagct	596

<210> 1903

<211> 582

<212> DNA

<213> *Fusarium venenatum*

```

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 1903
ccgcaagagc gctgccttta cggtagataa tgctactttt ctaaactcga catcctccgc      60
cgctgctcgt tccccatctc tcgaactcatt cgaaacggna tctnctccac cacctccgac      120
tagcttceng caagcggatg cctcagcaat tgaccacnac tccnaggten ccnagaaagt      180
tcgggttctt tccccctccg cgctctcccc cgacctccc gaatgggcat atacatcgcc      240
tacccttgcg cagtatgctg cgaaccagca gagcgaaaac gatccttttg atgcaacatc      300
cacagatgac agtgatctcg agaocgggtggc ggctgctgct cgtanacagg cctgactgg      360
cgggtcaaggt gcgggaaatc ctttcagcaa gacaacgcga gacctcgatt cgcccattgn      420
cgaacagaaa cttgagcaag ancgcaagga agaaagaaat gcactcaagg ttgccataaa      480
aqctaaacac tccttggacg tcactctttt aagcggctac tcatgacggg caattcggaa      540
tcggacaagc tttyggactg ggcgaaaaag acaagaaana tc
582

<210> 1904
<211> 452
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 1904
actaccgaag cggccactgg accctcgctg ctaccactac catgagctgc atcctcagca      60
tcttcatgac cttttacctc cgcgagaga acgcccgcg cgaccagact cacaaggctc      120
ctcacgagta caccgcgctn gagaaggagt tggagcaaaa ctctggtgac aacgctacct      180
ttttccgata taccgtctaa agcacagggc ttgtatcgga ggcgacatct tgcanaacat      240
cttacaagat aatcgtaacta tttatatata ttaagcgttt tttttggata tcacagcgaa      300
ntgggttatg aaatcacgaa agagcctaga gtatgaaaag gcttttnatt tngggaaaat      360
atgtttctta gagtttgttt ggtcgggtta tgaaacttan acgttttgac atctcaatat      420
tataaatgag ccattcatgg ctagagctct tg
452

<210> 1905
<211> 604
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(604)
<223> n = A,T,C or G

<400> 1905
cttaccaggt caccacacac aataccacca aactcccaaa gactttgcat ctcgcaaacc      60
gtcgcaagac atattcattc ctcataccac aatcagtaact ctatataact ataragcgag      120
gggtattctt agccagcggg cgtggaacac atcctcaacc cttttacaaa acccatttcc      180
caaggtaacc ccagtaacct cgagtttatg tcatcgaaa atctcaagac ctacggtaag      240
ccctctttgt gttcccatga ggaataactct cttctcccta ccaggaccgc ctttttgctt      300
ggcgacgtcc cttcgaccgc acccctggac tgaactacga cgtcttgctt tategcctgt      360
actactata ttigtgtgtg ttaagccaca tggcaattct ccatcgacc gccatgtcat      420
caatactata aataaatctg aagaacatga taactaactg cctcgctcaa tanaccctt      480
cgccgaaccg acgaggacac cgganaaacc aagcagacgc agaattacat tcatatacgc      540
attcancagc gtaatggacg taagactttg ccactgntca nggtctnccc aanaagtttg      600
acca
604

```

<210> 1906
 <211> 627
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 1906
 ggttagtaca atggctattg ttgaatcgcc aggatgaatc cgacgacaaa tctccttgtg 60
 acccggtcca cggccttccg aggcgtcccc acgacactac ggccgtttct cgcttcgcga 120
 tactatgcga cccagcaagg tttaggagct acagcccagg gacctaaacg acgagcagta 180
 acgcctttca atgataacgg acatgtacca tggaaaacaac tctcagtggc ggaaaaggct 240
 gccgagcgac gcaacagagc ttcaattttg gcatgatcct tgltggtctt gttctcactg 300
 gtgggtgtggg ataactttctc tggaccgatg tcttctcccc cgatagcaag atctccaact 360
 tcaaccgagc agtcgacaag atcagaacga tctcgtatc atcgatgcc a tgggcgattc 420
 caagaaaatt acagcacatg gagacgagac attcaacaag tggaggaggg cgagacctgt 480
 tgtttcttng naacaacaga tgccgcggag accacatata atggatgcat ttntatgttg 540
 atgggaccca agaataacgg nattgcacga ctttacatgg tcaagtccgg gggcacagcg 600
 actttgagtn taagtttttg ttggttnn 627

<210> 1907
 <211> 613
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 1907
 aaaggcaatg cttcacgcgc attcgttcct gactgccgcg taactcctta tccacatcgc 60
 acaagcccga gacaatcagc aacaaatcta ctttgctctt ttcgacgact ccttaccaga 120
 gacttttttt taaatctgag acggtoctgt ttttctctct tattggattt tgtctttctt 180
 tegagccgaa ccttcttggg tacacttcat ccatctacac ggcccgtcaa ccagaccata 240
 acttcataat cgctgcccgt ttaattgaat cgacaacttc tcaatatgca gcttcgaaag 300
 ttcttacttc tgggcattgt cgtcggagcc gagggccaaa agctggtcgc tcgtcagaac 360
 actgactcgc actcggtctg cgtgccctca accgattccg ctcttgcgaa cactgctgaa 420
 ggagaccttc accaactgac gataccgcga ctacgnttgc tgacctacca ccgcccgcga 480
 gcttaccgac gangcaacca ctggccgctg atccacaacc gaagaaacca ccgatgccac 540
 taccacagct gggggangtt acgttaccaa ganagttact gttaccgatg ctgatgccaa 600
 aactgtgacc gca 613

<210> 1908
 <211> 593
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 1908
 cgtaaacacc cgtagaccgc ctccactctc ggttcagtc catcgatcaa taacaaacac 60
 tcccaccccc cttcgatcac cattcccttg acatctctcc tcttctatc ttccatcttt 120
 atccatacct ataattctaa tcaccgttgt cctcgtctaga tccatatagt agacccttgg 180

agatctctct	gatccctttc	aacaccgagt	ttacaaactg	ctagcaacgt	cccggtgacc	240
gttctaccaa	aagtctacag	tccatccgtc	catcatctgt	atagatagac	tagacttctt	300
ctcttccaag	cttaatctcc	atcttggttc	aacacaacat	tctcgccatg	ccttacaata	360
cgcgcgcgaa	gtcgtctatct	ttacccagtc	tgggcataca	cgtcccaatg	anacatgctg	420
ctcgcgtgc	tgcgcgcgcc	tccaanaacg	cttcaagatc	gtcctcgtcg	tcattatcca	480
gtgctgnctc	atccgccttg	tctcacctca	tcagggtctga	ggccccgagg	gcattccaccn	540
aacaacaaaa	cgatccatac	gaaganagnc	tattgagaga	nacactcctt	cgc	593

<210> 1909

<211> 546

<212> DNA

<213> *Fusarium venenatum*

<400> 1909

cttctgaac	gaattagatg	cttggtccccg	gatcaactcc	atgagagaca	tagtcaccct	60
acaaaaagtgc	ccgtgacaag	acttgatggg	cttctctctg	atgacaaagc	tccaggaat	120
gctgtactgc	caatctgggt	aggccagaag	agtgaacatg	tgcctctggc	ggatgcaaa	180
attctctctg	gcgacttttg	cgaatcgttc	ctccccagcc	aagagaagcg	acagtactcc	240
aacgcaccca	tccgctacag	agctcctgaa	actcaattcc	cggatatctg	cccatcccta	300
tcttccagtt	ccgacatctg	gagtcctaggc	tgtctcctct	ggaacgtcgt	tggccagcgt	360
ccccctcttg	acgcctggac	tctctccgaa	gatgacatcc	tgcaggacca	aaccgacctt	420
cttggcgaaa	tcccagaaga	gtgggtccgca	tacagctcca	agcgctcaga	glactggatc	480
gaagactctc	ggcggaagat	ccgaaacacc	aacccaatcc	aatgggttgca	catgggaatc	540
ccgctt						546

<210> 1910

<211> 228

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(228)

<223> n = A,T,C or G

<400> 1910

agctggttggc	ttgactagct	ctatgcctgt	tcttcttgag	gatgagatta	agcgtgttgg	60
tggaaagtat	gtcaaggctg	atgactgggc	tgagaagttg	gttggtgatg	gacaggtcac	120
tactggctcag	aacctgtctt	ctgctcacgc	tgttggcaag	gccattctca	aggccatcgg	180
tgtttaaata	atgaatagtc	atgaataata	ataagtaatc	tgccaaan		228

<210> 1911

<211> 497

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(497)

<223> n = A,T,C or G

<400> 1911

cagcccccca	agcagcccaa	gacgcaagcc	aagggttaaca	cactggattt	ttatcatcca	60
gaactgaacg	acaactgcaa	gttccgaaat	gctagttact	tcactactaa	gttgctccgca	120
gggtgctaac	ttgactatag	caacggganc	cttctgtcac	aaactctgaa	naaacagcca	180
gggtatcccc	agcagcaagc	tgccacccct	gcacaaccca	acttctgggt	ttacacgaac	240
gggcaangca	tgcgcgaacg	cacgggtgtct	cctgtgggtca	atagacaggc	ctacagcgca	300
tgcgcgaata	atatgcagca	acagcagccc	ccgcgatatg	gcacgccaaa	tcaagcggcg	360
ggaaatcaaa	tgaataggat	accacaccgt	tattcctgaa	gcacaacagc	aacgaatcct	420
cgatcaagcg	aaagccccgg	ttgctgcccc	ngaacgggtcc	gcatgttcca	ccgacaagat	480

ccgcaccagg caccccc

497

<210> 1912

<211> 631

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 1912

gggcactatc	tcattggatg	atagcaaggc	tttcgaagag	tgttggactt	ggaccgaaca	60
acttgacgag	ccacctagcg	ctgatatc	cacgagcatg	cgcaatgaaa	aggcccaggt	120
ttcaaatcgc	cgttcgcaga	cattctatcc	ggtctctctc	aggatgaaat	cttcgagccc	180
gtctctagtg	cgagcccagt	cgccccggct	tggtagccgg	cgaggttccc	atccacctca	240
catccgaact	tctcaacgc	ccatggntgc	tccgatacaa	gcttcgcctg	cgcttaacag	300
acgccgtggt	tgtcctacg	tacaaagtcg	tgcgcaatct	cctgcattgc	ttgtcaactc	360
ccaatcggca	atcatgaagc	gtcgtcgtac	aagggtcccc	agccatcgct	ttacaccaag	420
atggactgca	tgcgcgagcc	ctatgcccct	gggcctcggc	gatcgcaaca	agcacgcgga	480
actacaccct	tgcgatatgc	cacaccgttc	aataacgctc	ctcttcaaaa	acggcctntg	540
cgttttgggg	agtgtggccc	cccgtgctc	aanaaaatc	gatgatgact	cggatttcaa	600
catcgatttt	ttaccaagag	nggttctgac	g			631

<210> 1913

<211> 1240

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(1240)

<223> n = A,T,C or G

<400> 1913

caacttggtc	ctcatatctc	tcttggatca	tcaaattctc	tgcattctca	cttttcgtca	60
ttccaaacca	ttcgcgaact	tttctcttac	acctatctac	tagatcgact	tgccaaccag	120
ttaaatactg	tccactatcc	gccccctcct	gacgaatttg	gcgctataac		180
attgtctttc	tatcgatata	agtctcgctg	caagaagtgt	ctcgttgaca	atctctcact	240
tcaaggggca	accaccggct	tgaccaaact	tgaagcacca	acacatcgct	tcacgcattc	300
catacatatc	ctcaattacc	acaetctcaa	atcgctcgcg	gctaacactg	caccctttcc	360
atccagcaaa	aatgacccga	tctcacaagg	ccaacgaccg	tgaccacaag	ggrattgccc	420
aggggactat	gctccccacg	gaaactgtcc	ctcgtttctt	tggttaagaac	ggntttgccc	480
atgtcgaccc	caagaagggtg	aaaaaggacg	gctctggctg	aggcaactgg	ggaactgtca	540
acgatgacat	cgtctggcgag	cagttcacct	tcaccaatac	ccgcgcgcgn	tccaacagta	600
gcagcttttc	tcatgttact	gatttcaaga	caaagtttga	ggtcaacgag	cccagagccc	660
tgttcgagga	gtcgtctcat	ggccccgagg	aggaagacca	tgaagacctc	accaagaccc	720
actcttcgga	gagcgggtga	tcttctctct	qatcgatata	ttccatttca	ctaagggatc	780
ggaggttact	gcttggttact	ctgtataatg	acagcgagac	attaggtggg	tgacatgttc	840
tgaaattgag	aaggggcgtt	gatctttcat	ttaccactac	naaacgaaga	tgcgatgaaa	900
tgaatggaaa	ccggaaaaca	acgccattat	ggcgabaact	acggatcaaa	cagtttgagg	960
gatatggcag	cgattatgga	tgggggataa	aggctcttat	aatttatcga	tctctaccca	1020
gatcatggct	tttacgacct	gctgcgaagt	tatcttctaa	ggggaacgat	gtatcacttg	1080
tatcaatata	taaattagct	ttaccatcaa	agggggcaat	gcagctaggg	annctaacac	1140
aaacacagac	aaagaacgct	catgaataag	gttacgtgaa	gangaacttg	atttccatag	1200
atatactctt	catgaatggt	ctatccatct	cttattttct			1240

<210> 1914

<211> 626

<212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(626)
 <223> n = A,T,C or G

```
<400> 1914
cagcattaca attgcgccga gcaettatct catcactgnt gttctcctac ttgtctttgc      60
aatcatctac ctacctcgtc ttatcgccctg ccgattcccc agcctcggca taccattgcc      120
atctntggcg tcaatattaa ggccaatatt tggagatcca gcagatcacc gccaccagc      180
cagatttgaa aagccccctcc caccaccacc cttcgcagca tctgcgcttg tattcgagga      240
tcagcaacaa ttgggtcgctc ccggacagga tatcgctcct gcgcaacgtc gtcattacct      300
tcaacagcaa ttggcgcaag agcaacacct actgcttgaa cagcagaagc aacttcaatt      360
ccaagaaata gagcgcctgt ttcgctcaga ctctcgccat acctcctcac cttcaaaaaca      420
tagcctgtgat catggatcct acgacatgct ggacgcgtcc ctacaggact tggatctccc      480
accaagtcca tcggtgcccc ccactaaccc accggagcga agcagcaatg acagaagggg      540
atctcgagga cttcgganac cgcgtccgng gnggggtncf cccctccccc tgganaaaac      600
tcggaaacgg aaccggagta gtggct                                626
```

<210> 1915
 <211> 520
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> n = A,T,C or G

```
<400> 1915
cgaagaggcg ttgacaactc ttcacacagat gagttcgctt ccagcccacc ttcttccgaa      60
acacgcgggtg gaatccttcg accaccacct gctaggccctc gacnaaccgg ctcactttcc      120
agtaactcgg ctcttggttag ctctgtacca caatctccat ctagtgtctg ggggttctca      180
tcaccacagg gcgttgctag tcaacaatcg gaacagttgc ccttctttta ggactattat      240
tctcaggatg atattcatcc cggtgacaaa atcgccgctc tttgggcata ccaaccccg      300
gcagccgatg aattctcttt ggancgtggt gatatgctta aggttgtagg catctgggat      360
gatggttggg cgacangtgt tatgctcaat gancgggcag atgaatggga agctcgacna      420
caagctcaac gcgatagtgg cgtctcgaac catcnggtcg cgtgacagct caccggcggc      480
ggaaggcaaa tcaagcatcc ctcttgctct cgtttgccga                                520
```

<210> 1916
 <211> 336
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

```
<400> 1916
cagcaacggg aattggtatt gctggtattt ccggatactt catgggttggt ggatcaatgg      60
gaatgattgc caagctgagt aacaaggacc agatgaagcg tctgacatgg gcaccaggt      120
cagcgtacag gacccgttgg atgananaag aggagcagc ggcaatggac aaaattgcat      180
gtgcctgggg attcaaggaa ccttgagggc acggagagga gtctgggact gagtgggagg      240
gtctcaagga gtacatggga taccgccaga tgallcttga tctgttgtaa ttcattggagg      300
gcattgageta atctacatt gcccttttng gggggc                                336
```

<210> 1917
 <211> 266
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 1917	
tgatatcaca atcgactgc gggatcccaa tatectagcc ccattactgc cgttgggtga	60
gcatngagcg gaagctgtaa agctgggtgc atgaaagaag gctatagtag acaacgtata	120
agcttgagt agacgggagt ttnaggagtt cggtagattt ttatcatacg ggttccttaa	180
cacaataaag nggttacgga actngtgaaa ccaanaaact tagttatctg atatcaaaaa	240
acgctgctaa gcagtttgtt aacttg	266

<210> 1918
 <211> 795
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 1918	
tgcttaccaa cattctagt ctccgcccgc tcaaggannc tattacgcac ctgtccagtc	60
accaacggga gtctttctcg tcttacggag atgcgagaac ggacgacggc ngccagcttg	120
caggacggcg gcgtcgtagg acttcagagg agcaagatga cgcctacaga ttacctccgc	180
cacgaagcgc tgtagacgaa gacccacgac gaagatcccc agccgagttt tccaaccaca	240
gtagcccagg tgggtgttga tatccgccat accaagggtgc gagacaaagc ccgcggaacc	300
cgacgagcgg cactctgcct caggctgcag cgactggtag ctatgcaact tctgcacctg	360
gagggcggtc accgacaggt cagaatgggt caagtgggtgc gtccaccccc gcccgacagg	420
gacagcaatc ccaaggagga aatgcacgca ttatgagtct gagcaacttg gtagaaaaaa	480
acgacattga taagaccatg atcgacaggc ttaacccgac ctgcaccagg tcagccaagt	540
ggtcgacaag acgccagccg ttgacgggag aatggagtta caattgacct ttgccggaca	600
ggtcaacggg aagaagtcga aacgacccac gacaatactt gctgacaagt tgatgacgat	660
tggttgcttt taatacctta tncaattcga tcnttccgcc tacantttcg gttgaccggg	720
gatgagacag gagtgtgacg gcgaagaaga aaaaaaaaac aaaaaagcgg nggggcaggg	780
cgacaacaat acaag	795

<210> 1919
 <211> 613
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 1919	
ntattgcgct nageaagaca gtntcttacg tcaactcaag cttrtagangg gtctgcgatt	60
tcgtctcgat caactttttg ccttgcatcc tcttcgccc a gtttccactc accccctcca	120
tctttngtgg tactactgtc tgncaacacc acccttcccta cctctagcac atgagccgca	180
caatcgccca acgacggttc gnggccatca accctccct tgtaccagtt tgaagccatt	240
gggccagcct gcatacgatc cgtgggtccc cattcgagcc acgactgtag acgtggncgg	300
cctgtcctca ttgatctct ctccacatcg cttnttccc cagcgcactt ctttcatctc	360

gctcgctctn	tggtctctna	gtttctccct	cggcctcatt	cccagctcga	gcccngagag	420
ctgntgctac	ttgcattgna	ggacacatac	ggctccagcg	aaacaggtgc	ttgctctcct	480
tncccagagct	gggtgttcgac	aggcaaccaa	aacattttnc	aaccnngng	tcgttatntn	540
ttaccgcccc	gtcttnaatc	gactttgaca	cnggtcngnc	ctttaagtca	caaaaaatac	600
tnatattctg	gna					613

<210> 1920
 <211> 594
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 1920						60
gagatgatga	cgcaggctat	gcgaatgcag	cgacaattga	atggagaagc	gcctggagca	120
ttccctgccc	ctggcgctac	cgatacnaca	cctcaaggga	gcagcgaccg	gagataccca	180
gggggtaccgg	tggtcaaaaca	caggcaggcc	aacctcctgt	gaacccattc	gctggattat	240
caggtntgct	gggngtcag	caaggcggaa	gcaacccgcc	tgatttcgca	cagctcatgc	300
aacagctcca	gggtctcggt	tctctctacg	ganctggang	ccaaggccag	gctgcnacag	360
gacaaacagg	ctcaaccaac	acacctagcc	aaggtgccgc	agatagtaca	actggcgcg	420
aaacttccgg	aacaacaccc	cgccaagtgg	tttaacacaa	ggctcaacca	ctaaccacc	480
tcccccgaa	catttgctgc	ctcttcctc	cttcccgaag	ttccccaaag	ccacatccct	540
ttngcatgaa	cccgaatna	agcaccaaat	gatccaattt	tcgcgcngtg	aattggcccc	594
ggtttaaccn	ccgcncccc	cnaataaagc	nccttaagaa	cctaccccaa	acaa	

<210> 1921
 <211> 1361
 <212> DNA
 <213> Fusarium venenatum

<400> 1921						60
caaccatgaa	tttggtgaga	cctaattact	gagtgtcgtc	ttcatatcct	tttctttcta	120
ctctcttttt	gttcatttat	ttccttcttg	tatcatttgt	gataacttca	ctttttgttc	180
acgtcttata	ccatcgtaaa	catccgatag	tggtgtcggc	aacaggcgac	atcgagtgga	240
tcccggtgat	ccctggtttt	tgggtcttcc	ttcctacttc	ccctacgggc	ccaggacagg	300
gcgtctctag	ctagaacgca	cgcacgtacg	caactgcagag	tcagctcatt	cgaaagagca	360
tgccacctct	cgaccatcaa	caggcgaaag	ccgaacaaag	acttaattca	acagtagaac	420
agaccacga	ttgatcaaga	caatatcctt	ttgacttacc	tctcgccatg	gcctttctga	480
ccttcttttt	tttctccaag	acaagcgaaa	ctcactttta	agcgatacga	agtaatgaca	540
cgcgcgaagc	atgagaatga	cttcatttcc	aggaacagac	cccacgtgat	acgcattctca	600
tgacaatctt	tggacctgag	ataagcaatt	aagctcagat	catatcgacg	ccgacttcac	660
ccgccacctt	ctctgcgaca	atattcagga	attgcatcca	ccagcgttaa	tttagttcat	720
cttcaacaca	tggaaaccag	attgattcaa	tcaagatata	gtaggtattg	ggtttttgga	780
tgtaaagact	gacataccgt	ctagtgtgtc	caaccaaaac	ataccaaaac	cctccacctc	840
tgctcgcttc	caactgtgacg	togattcaat	caatcaattc	gcctttatcc	gaaaactttc	900
caattagrat	adccccccgtt	tagtttggtt	gtcttcagcc	agacttcctc	tcgtttctgc	960
cogtacagca	gcgaacagtt	acacaaagcg	tgctgcgcgt	aaatcttttt	cgccatctgc	1020
gttccgataa	cccgtaaccgt	ccgttacaag	aagtgaagcc	taagcaagat	cctttccaca	1080
tgcaaattta	acaccatttc	cgatgcacac	gtgatggatg	gatggatgga	tggatggatg	1140
gatggatgga	tgaataaaca	cgccaatgtc	gtatacgatt	gtacaagtgc	caatcgatgg	1200
ccaaggcgcg	gaggataccc	tagagcgaca	agatgggata	gggaagattt	tatacataat	1260
taattcacga	tggaggacaa	gtttgggaau	cttgggggaa	aghtgacgga	ttttgaggag	1320
cattatcagt	tggacagcgg	gaggagggag	gtcattcaac	gtcaacaaca	aataaatcaa	1361
cattttgccc	cggagctctc	atgaaaaaaa	aatgcaaac	c		

<210> 1922
 <211> 531

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(531)

<223> n = A,T,C or G

<400> 1922

ggagaacagg	gaaaaaaagc	ctgaagcagt	gtccgcagct	cccgcaacca	ctaattggcaa	60
gcccaaggct	ggcactgtta	aggagctggc	tcctgcagca	attgtaaagg	ccgcactccg	120
aanaagacga	ctaccgctcg	acccagtgc	atttcgacca	aggetgccag	caccaagcct	180
ccagnaaaat	ccntttctgc	acaaagcctn	ctaccagcac	cactnataaa	cctgagagta	240
agccaacagc	caagactgtc	ccggtngcta	agaaggaaac	cagacaagct	tnagtcgcca	300
cttcacagc	cactcggcag	ctgngactac	agccagcaag	aaccgcaacc	attgaacctc	360
ttctagcgat	ctgggtttggg	aagccaagcc	aaatctccac	aaacctggga	acttctgatt	420
tttatggccc	actgggggnt	tggaccaaen	agggcagct	caccgataag	ttgaaaacct	480
acgtttctgt	cggctggacc	ggccatgcaa	naggaccagg	ccacctggaa	a	531

<210> 1923

<211> 637

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(637)

<223> n = A,T,C or G

<400> 1923

gccacgaccg	ctgatactga	cactaccgcg	tatcgcgacg	agggcgggcc	aacgccccga	60
cgacgacaaa	aaactaacca	aggctttcaa	attgaagcca	tcattgaccac	acccaccatg	120
gcccagccca	cggccatcca	agccaacggc	acctcagaat	cgccctaccct	cgataaggcg	180
caatccgtcg	ccccgggaaa	gcgaaaacgc	gatgttgaag	aagaagaaga	agaagaagag	240
gacgcgatg	aggaaatggg	ttccgatgag	caaaagcctg	ccattaccaa	tgagagagcc	300
aaaaaggacc	aacgcgattt	gataaaatct	ttcgttgaag	tcctcagcag	ctacgacgtc	360
ggtccctcca	tcctcaagcg	cccccttccc	gaatcctctg	atgatgacga	tgaagatgat	420
caccgagtaa	agcgccagaa	gtcgaccgac	ccgtccacta	tctccgacaa	ggctactgcg	480
aatgtgtatg	aggatcttga	ccaagtgggt	gatgaacctg	tgtccgcaat	tcattgtcgt	540
ctcaagggaa	tcaagatgca	accttccgag	aacaaagatg	agtcggccga	cgatacantt	600
gaggacacaa	atcgttgatt	tcaaggncaa	aggcata			637

<210> 1924

<211> 558

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(558)

<223> n = A,T,C or G

<400> 1924

gaagaaacaa	atgaatacaa	tggttcacatc	aatcatgcgt	ctcgcgcgcc	cggtcttgac	60
aaagtctctg	gctcaatcgc	ccaggaacatt	aaagacccle	gtcctctctc	gacattccct	120
gactcccatg	aaaggcgcaa	tcggaagaac	cgctctgcca	tcaagctcca	ctccttcgac	180
agctgcttca	gcgatatcgc	tgccctcaag	cgccatcaca	gcacaccccg	cgatggggca	240
catgcaaatc	cgtcgcggac	ctcgaaacac	catgaacgya	cacaccagac	tcgtgcagaa	300
gcgcagacat	ggcttcctcg	tcgtaagcg	aagcaagaca	ggcaggagga	ttctcctcag	360
gaggaagatc	aaggggccgaa	ggaacattgc	aaagttaggc	atgcatgcct	gctgagacat	420

ttaggagngt	ggatgacacg	tcaatgaagc	cacaccggca	tatgtctata	cnggaaangg	460
ggtagagggc	ggcgggtctt	ggggattcag	atgtcttntc	agcaccctcg	tgtgatncga	540
aatctgacaa	agactncc					558

<210> 1925
 <211> 427
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 1925						
ctgagaacgg	tgttgacqga	tcagcattac	cttctctcgc	taactgggca	cgcgaatccac	60
agcggagtcg	taggggcagt	ctcgtacta	gtgggtgcgc	gtcaagccct	gctatctcgg	120
cagctcagcc	tgtnaccgct	gagcctgttc	cggagaagac	agttgaggaa	gaagaggatg	180
aagatgaaga	tgaggaggac	gaggaagatg	aggaagacga	ngaagaagag	cctcnccaga	240
ggaaccgggt	gcccggaccct	cttcatcccc	tgcgatggaa	cccgaatctc	ctgcaccagc	300
caggaacctg	gctganaagg	ggcttagana	natectcaag	gtgctgggtt	acactccctg	360
gcctccttcg	tctaccgctg	cacagacaat	atccccctcg	ttcgatcctc	gtgggtgggtga	420
aaaacgc						427

<210> 1926
 <211> 605
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 1926						
gtgtcactct	tttgcagctc	tgcaaagaca	aaacctaata	ttattgggca	ccattctaaa	60
aatgagcagc	ttcgcattgc	tccaaagtcc	cgcgcgggct	ctgtatcgag	tctttatcga	120
gcgcgaagct	cttacactcc	aattcatcaa	accaacacaa	cgaatactac	cattatacca	180
gaattcgtcg	ttctctgtgt	caccactaca	attgaaggga	aaggctcgcc	gaggaaaaga	240
tggtctggat	gattttggga	cggaaacccg	tgaggatgaa	gccagagcct	ttgatcgacg	300
ctacaccacc	caggaagatt	tcatacaaat	cggccgcgcg	cgtctcccta	tagatttcga	360
gataacggat	ccccaaaatc	tggtttcttg	caatggcgct	tcgacggacc	aagattacgc	420
gcaacgtctc	gagccgcctc	gacacttcta	cggattcctc	cgaatggcaa	ctcctaract	480
cccgccgctc	ctaaaaaac	aagccagcac	aatatgcgct	atgcnagatc	tcnccngaa	540
ggaagaatnc	aaagacagcg	agagctcccc	cgcgtctcct	ttttttncgg	actccccaan	600
aacag						605

<210> 1927
 <211> 267
 <212> DNA
 <213> Fusarium venenatum

<400> 1927						
gggaaagccg	ccaagggtga	ggaggctgct	gccaaaggtc	cggagaagga	ggaaaagcct	60
aaqaaagctg	aggagcccaa	ggaggagcct	aaggaggagc	ccaaggaggga	agctaaaggaa	120
gaagagaagt	ctgaggagga	tccaaagact	aaggagccca	aggccaagaa	gtcaggaggc	180
aagctcgagg	ttggcgacgt	tgtggacctt	gatgattttg	gaggcgaaat	tggaacacaa	240
cgatggcgac	aagactacct	tgaaaaaa				267

<210> 1928

<211> 559
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 1928
 gaaagaaagg acaagaaana gaagcgacaa ntccggcatt tccaanccca ngaaaggaga 60
 aaaaaggata agaaaggata agaaaggana aanctcgccg ctgccctcga aggaaaaagg 120
 tccaccagga tgctcccgct nccgcttgcc gctgctgaaa aacgaacaac tccaatgttg 180
 aaggaaggat aaaggctgct gaacctgect cttgagcgtn tcttcctttc cctttgccat 240
 cncmgttgca gaatgacaag ggcattgaana aagggtctaca agaccattcg caaggctgcc 300
 aagaacaaca cctcaaacccn gtgtcaaggga agttgtcnaa acctccgaaa gtctgccctt 360
 ccggctcctgg ttacacctct ttcctngtgt tgtcatcatt gctggtgaca tttcccccag 420
 gactcatctc ccacctcccc gttctgtngc gaagacacaa cgttccttca tcttcgtenc 480
 gttcncgcgc tgaactcngt gccctgcena nacaagcgga actacatccg ttgtcttgat 540
 catgganaaa cctgaaggc 559

<210> 1929
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 1929
 atcatgcgtc ccacctcaaa cctcctccag gccgctgtct gccctacttc tcttgacact 60
 ttggctacag catggcctag ttggtttacc aacgcccact ccgttgtagt tcgacgagtt 120
 gtcccgaag atctgectct agaaactcaa gttctcaagc ctctgtcaaga taccacgact 180
 gaagaggaag ctacaagcac caagaaaagt cccaagcaga ccaacctaaa cacagctaaa 240
 gtcgaaaccg gaacagagac tgggactggc aaccgaggaa gattccacag agacacggaa 300
 aaaaaaacg gaaaaaaatc tgggcaccaa aaatnggaaa tctgccccaa acgcacaacc 360
 ttttctgncc atgttaacct gcggtttgag tatgacgctg ctgacaccat gtatgtccct 420
 accctcttta tcaagatcgg cgactacgcc acctttggct ggaactacac ctgctcga 480
 ggactcctac tgcgatcgac gtgcttgta gtcaatcctc cgntggcgaa acctacactc 540
 ttactgccaa catgacttcg agacgaaccc actacgttgg gatctagcaa ggaggcatga 600
 tcttgatgct ctntcctgtg gctgtcactt tn 632

<210> 1930
 <211> 259
 <212> DNA
 <213> Fusarium venenatum

<400> 1930
 agtatatgac acaagaaag gagttgtgag ctattttggag tctcatggct ttcagcgaga 60
 tggcggtcga atcgctcact gtgtcggacc ggtggacatt tctcaaagaa cagcagatc 120
 ttgttcgtca cgggtgggtc gaaacggtgt ttgactatgg actgagtcca agaaacctgg 180
 ttgtcgtagg agttaagcga tagataaact ttgagctagt ttagaatagg aatgatcaac 240
 aacactctga acgctatly 259

<210> 1931
 <211> 339
 <212> DNA
 <213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 1931
atctctaccg tcaacgactc catctctgag tctcagtc acaagtcttc catcccaaca      60
aaggtcgaga tgagccagca tgaaaagtac agtgaggcgc ccagtgaggc gccacaatc      120
ccacccccgc ctgagcagta tgcttgaggt agggtcaggg gagaaactgt cagggatgct      180
tttcggaatt ctttggtact ttcattcttc tctcttttgg tgacgggtgc gttgccagg      240
ttgttctcag tcgtggaaca aagggtgatt ntcaaagtnt ctaatgggga tggggtctcg      300
ngcatcttg gantgtttgt nggaggtaaa ttaagcggg      339

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<210> 1932
<211> 422
<212> DNA
<213> Fusarium venenatum

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<400> 1932
gtggagagca gaagtacgta cgataccaga tgaacccacg agaaaactgg ggtcctttgg      60
cgaaggcagc ccgccgatag taatgtaaat ttgatcatgt acttgctctc aatgtttctt      120
ttacttcacc ggctaaaaca agcgatcctt gagcagttga aatgacgaca catgatcggt      180
ggtgtgtctg agtaggcatt atctgttcgt cagcaaaagc cccacaaagg cctacggaag      240
tattgctgag ggcttttgag cttgacttgt tcatcatctt caatctcaac aaccggaata      300
caacaccctc gagccgaacg agtactgtat cctcctttga cgggcatttt gcatttgttt      360
atctcgcgcg tatttgatgat tggtatttgc gccagaaatc aataaagata ccatatcctt      420
cc      422

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<210> 1933
<211> 448
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

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<400> 1933
gggtggtgaa gcctatgagc aaggtccgag acaccgcgcg acaattggaa gacactgcca      60
tagaagcgcg acgaatcact cgacagacag cgcgaaacgt accggccgaa gaacagatcg      120
accgaccaac cgaaaccoga aagagtancg gcagcggcag cggcagcggg agcagcgatg      180
gaagggcaat gctgcagaag cgttggatct cctggcagag tcgcgtangg agaccaaacg      240
actgcaggaa gcgctgaagg aacagacagt gcacgagatg ggcnagcaga tgggtggagat      300
cnaggaacag atgactgagg aaatacaacg agcccgtgag cagctcgaac tatcgcgacg      360
aatgcaatag acggactcna cgatcatatg ctgacgtcca cactgaccgg tccctaccen      420
caatgatcna ggacttactc tctccaa      448

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<210> 1934
<211> 479
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

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<400> 1934

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aaggagaaaag	gtccagcaga	attctgcgaa	gaatgcgcgc	aacaaagggt	ttcgaacaag	60
aacaaaantt	gaacgggctc	nactgccacc	aattgggaag	ctgtcactcc	aaccatnaag	120
aactgccaac	tttnggcttc	tctatgctga	aaccgcctta	aaaccaaaag	ggttcaacgg	180
ggttgaatcc	tttcgaactc	nttggcatgg	aatgaatacc	atcaatggct	tccaagccaa	240
gatngccgaa	gggcaactac	ctggaaggct	ttattgataa	gtaccttctc	aacgacaaca	300
ccctgacttt	cactatggcc	ccctccacaa	catatggcga	agacctantg	anggaaganc	360
aggagagact	tcaccaggat	ccagcggcga	tcaagggaagg	ccngaagcna	agaaaaagcn	420
cnaaagccct	ttgagaancc	agaacaagaa	ttgtttgtct	agccgaacaa	gacaacacc	479

<210> 1935
 <211> 686
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(686)
 <223> n = A,T,C or G

<400> 1935						
gaattttttt	ttttttttt	tactaagatc	attatcatta	ttattcatcc	tccacttgcc	60
tttgccattc	taacaatatt	cgtgccatgt	tctagaatag	gtaggtagct	agatttcttt	120
agaaggcaaa	tgctgaataa	tgttaaccact	actagtacgc	taaaccgctg	tcaaacact	180
gtagacgata	acgttatcaa	tctttcatga	ttgctacatg	ggcacacca	tgtaaagct	240
gtaattacac	atttggttta	aacaaaagat	agcggagacc	tgtcttgtaa	gaaccagagc	300
tagcattaag	cttggaaccc	cttacttcgt	tgatatacgt	ttctctgctt	gcaaagcttc	360
gagattgctt	catagcaatc	ggatcggcaa	cgtagcttc	gttcaatgta	tgcgttttaa	420
cccgaagtca	aatgttggtg	gcggacgcag	gaacaagtcc	aatgatcact	ggccctggac	480
aangngccgc	atggggccatg	tncaacgttt	caagtgcaca	attagaacaa	aagttaaaaag	540
aaaaatcttt	tggtccctac	catacaagat	caacgtcgca	tatagcaaca	tgctcccaca	600
agtggaaacc	cgacccgtaa	tctataaaca	anctagcatt	ntaagccagc	atntaatgat	660
cggcacccaa	acttccgaat	atcgct				686

<210> 1936
 <211> 633
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(633)
 <223> n = A,T,C or G

<400> 1936						
ggaagatatg	acttccgggtg	aagagctctga	acttgctgaa	acaccttcgg	aggtcaatga	60
gatgaagagt	tctttctgccg	tacgaacacc	catcgtaatg	cgcgtgcctg	cgaaggctac	120
caattctcca	tccgtcatgg	acacagcccg	ttcagccagc	aacaaaggtc	gtgctcctgt	180
tgctttcaag	accccttcag	gttctgcacc	acgcggcaca	actgtcgtcc	tttcggatga	240
agactctgat	atcdaagdatg	ctgacatgag	tcctaacaag	atggtcagca	ataatgcacc	300
ttctctgggt	agtgacgaag	gggagtaaga	cgatactgat	gatggctcct	caqtctctgg	360
cggcagtgat	gctcttgaga	cggagtcggt	atcagacgtg	gctgaaataa	cacttgacga	420
cgaccaagac	cgcgcctcac	tgccgcgaga	gtctagcggg	gtatcggggg	ctgtaagggt	480
tcgtaaagat	gattcgaaac	acatcactct	gatgaagcct	gtcaagaaca	acgccagaga	540
aagacgggca	cgcgaaggct	aaattatggg	aatccttcgt	ttttgcattg	gccaatcgct	600
caatcaacaa	cgggcccgttc	aandaaacaa	caa			633

<210> 1937
 <211> 352
 <212> DNA
 <213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(352)

<223> n = A,T,C or G

<400> 1937

caaaggtcgg	cagacaacaa	tagccctggc	ggttacaggt	cacaaaacaa	tgtcagtcct	60
tggcagcgag	gtgctgggta	cgagcactaa	ttgatttaac	tctagaggaa	tttacctttt	120
tattttatct	catgagagct	tatacctaga	ctnttcttaa	gggggtagac	tttgcatttc	180
acgcacttgg	tctatgagag	ggctgcccag	cagacaaagc	cctcaggatt	ttntgcttgn	240
ggatgacncc	nagtganctn	tgggctcgca	nccagtaatt	aacattnccc	ccnctaagaa	300
ccgggcttta	ttttttgggtg	ggtttccctt	tttctnngag	ggttttttnc	cg	352

<210> 1938

<211> 637

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(637)

<223> n = A,T,C or G

<400> 1938

agcgtatcag	acattttcaag	gaaaccttcg	gttcgtgcgc	ctaccactcc	caagtcaagt	60
aagagcagta	ataaagttga	atcgcgacct	ttgcaatctg	ctcgactgga	tggacccata	120
cagcagccac	gactccaacg	gcgggacagc	gaggaatcat	ttcacagtgt	cgagtcgtgg	180
cattcgctcg	gcgttcccat	acatccttcg	ccacccactt	cacaagcgga	gtctgctgnt	240
tggggcaaa	tacgaaatca	aatgaaacgg	acgccttgtc	cggtgggaga	tgcaaaagaa	300
aaaagtcttc	ccgaaagaag	aggaagctct	tccaaaggcc	aggcgcttgg	ggaatctgac	360
cctgattccg	acgacagcga	gtcgtccagc	gaaagcgcca	acctgggaat	caaagacaca	420
gtcgacgttg	aaaccaaagt	ccactcgctg	gcagcaccac	cacaacggcc	ggttataact	480
cgctcatagag	cgacgacaag	tagcttatca	gtacgccagc	gggcacttta	ccccctggccc	540
tgctgcgaat	ctcttnaccc	tgcatacaact	atggaaagac	gaccttacag	aagtaggctt	600
ggagactgnc	aaagaaccta	ccaatgggca	tcattgg			637

<210> 1939

<211> 459

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 1939

ggggaacgtg	gttcggggcc	tcttqaaacc	aactaatcca	atanccctgg	agaatcanc	60
tgggggtggan	ttcaatcccc	naacgggttgn	actccggcc	ggcnaanaa	tggggtaatc	120
ggtttacaagt	adccaattag	ctaantctaac	ctaacttaac	taacctaacn	taaaacttgg	180
adcaagactc	aatttggtcc	gtctcgcaaaa	aacgggaacg	ggananaana	caanagangg	240
gccaaccccc	cancanaagg	gccccaggggc	caaagacaag	acaagggcca	aaaggccaac	300
ccgggcgcgc	tatccaanag	ncagaagcca	cttgcctcaa	gatttcggag	ctactagaac	360
tgcttgcatg	tcttgaacct	gcgggtacgg	agcttgagac	catttgcaca	ngaactnagg	420
gtcnccttga	ancctgtacg	cgacaatgtc	gataaactg			459

<210> 1940

<211> 561

<212> DNA

<213> Fusarium venenatum

<400> 1940

caacactcgc	ttcaaaacac	actctccaaa	caaaaaaac	accaaccgca	aacatgaagt	60
tcaccgctgg	cgccatcgct	gccttcgtct	ccatggccgc	tgcttctcct	cttgatgctg	120
ctgccggcgg	ctgcaagcct	ggtacctact	cttgcactcc	cgacaagact	ggctggcaga	180
tctgcgatgt	caccggcaaa	tacgtggctg	ctggagcttg	tcctcccaag	acttcttgcg	240
tcttctacaa	gaagagcgcc	agccctact	gtgtccctcc	cggttcaag	ttcccccaga	300
actaagcaat	ctctcccgat	gagatagccg	tgagagtgga	ctctcgataa	cgacttctat	360
ctctgcgacc	tttgggttca	aacttgagca	tttgggtctt	tttatatact	tgttttcatg	420
cacactgcat	gaggtccttt	ccttagaaat	gtttgataga	tacatggcac	atatacagaa	480
acagcatgtg	ggggttcaag	atcgatatata	gttactcaac	atagcatctt	caatctactg	540
cattgccctt	ttaaaaaaa	a				561

<210> 1941

<211> 603

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 1941

cgccggggag	ggggaatatt	tntgtctnec	taccgcccac	aggtectctc	tcgtcaagag	60
caagagttta	tcgaagaaga	ggatcatatta	cgcgtgaaga	agaacattac	caccgtccgg	120
tgtncaaaaa	ttcgagcacg	aagactttac	tatccgtgaa	gactcccac	gagatcgaca	180
cccaccgtca	tcctactac	tcacccccca	ttgatctcgc	tgaacgtgaa	taccgccagc	240
gttaccgect	gccaagcttt	ttccacagaa	gaccttcttc	cactctcatn	ctcactacca	300
acctcaagac	aacttcaaag	ccaacaacta	caccgttgaa	gncgcccgc	ttccaattcc	360
attcctctga	gaagactgaa	atcaacaagt	ttactgntgc	gaacactcct	ntcgccctnag	420
tcaaccacac	cgagaagacg	aattcaacaa	ctacactggg	gcaggcgatc	ttccgtcctc	480
aatacaaac	ctgtgagaag	actgagatca	acaatttcac	tggtgcccgc	gntctttcca	540
gccacggacc	gngacaccaa	gacactnaag	tnaacagcta	cgccgtgcaa	gnccggtntt	600
ngt						603

<210> 1942

<211> 575

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(575)

<223> n = A,T,C or G

<400> 1942

tcggggccctc	aggaattttt	tttttttttt	ttttctgat	tcaacacgto	tcgcaattaa	60
atgaatgtaa	attatitgaa	atccaaaact	agaggtccaa	ctcctgaacg	cccagtaaat	120
tttatgcagn	gatgtatctg	cgctgttoga	ctaactttcg	aatcacaatg	ctttnggtat	180
cttaatatct	gttttcggcg	gttgattcag	ttctttccan	caaaggcagg	gtttctgctcc	240
attgtcnaaa	agatgtatcc	totcaacgoc	gcccctcgat	tcgcagtagc	cgcaaggagca	300
qtctttttct	cctcgctccat	attttctgct	tgnggcacag	gctttgcctc	atcctgagcc	360
gttaactctg	ccataactaac	tcbaaaactc	tcactctcuc	ccttgacgan	cttttccctn	420
ttnttcagcg	caactctctt	gtctcttcaaa	ctattgngac	naatcttgcc	ctgttctctct	480
gcataacctc	ctctagctct	ggcagcgcat	cagctanact	gcaagagngg	nggcgagctt	540
nttggaanga	cngcgacnct	tggtaaaact	tgaaa			575

<210> 1943

<211> 238
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(238)
 <223> n = A,T,C or G

<400> 1943
 ntgaggctac cnaagttctc cttncnccg aancatatntt tagcaacggg gccatntacg 60
 cccgngcagg ctcangcgac attgctacaa togetactga ccttggtgtc cgcgtcgcgc 120
 ctcttttncca aaccataaac ntcaccgagc gnttgtccat cgactcnctc acttacaacg 180
 anatngaccc ngagcaatcc accgacgnag ggttccnntt gctcttngat actacnccg 238

<210> 1944
 <211> 643
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

<400> 1944
 ggaactctct agctttctcg ctcttaatag ttagttcgac atcttatttt gggatgatcaa 60
 agataaaactc ggccctcctca caatccgttc cttttatttta tttattttatt tttcttactc 120
 cattaatcaa gcaaagaggg ggaatgaata gatcaacctc cactctttca acatcaccaa 180
 acatcctcag tacaaagaga gagaaagagc ctaactatta actgcgccgt accaaccaac 240
 tctactacaa ccacgtaacg gtaacttggc tgttgggtca cggatggatg gatggatgga 300
 tatcaaccat gacgaaccaa caagacaccc ccacagctct aactcctact gcgtccactc 360
 ctogtacttc tcttgggtccc cccgctcagc ctgattcaac ttcagcttca gtcccagctt 420
 ccgcttncaac ttctcgcttc tgntttctca tcttccccca cgcctcaagc tgaactcatt 480
 cccgcagang acccngagt atgtcatacc ttggccacaa ccaccaacca accaacaagc 540
 acagaattgg agagnccatt tgggtaatta taatggcctt gatatgggta ttggtaaacac 600
 tttggctttt ttccgnatttt tgganggana acgtcgatca tga 643

<210> 1945
 <211> 522
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(522)
 <223> n = A,T,C or G

<400> 1945
 attcaatcca aatacaaaat ggccgctaaa agagactttg aggatgtcga tgaaggcgat 60
 gcttcaaaagc ctacacccaaa gogatctaaag aaacacggcg gcaaagcgcg acaacatcaa 120
 aactctggca ttgatcctac ctgggggccag aaatatgtct ttgcagacaa cgagcatgcg 180
 acaacgatcc cccgagggga agantctgat ttccaggagc atgcagatgc cntggcatat 240
 ttaaaactcag ttccgacaaca agctgccgga atccccntt tactcgtcgc acctaaagtc 300
 cagttcggac ctccagttgcr cgcgcgaactt agagggtgatg atgaagatga tggaaaanga 360
 ccgtccacag ggagcctatt ccaacgacngt nttggcgatt ctccggggctg gttccaagac 420
 ggccggttca ttggcgatgcc cgaacnaaac aacgacgaag ggaaacttcc aanaangaga 480
 atccccgaan atgacgacaa ccgcttttgat gaaaaaattt ct 522

<210> 1946

<211> 509
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(509)
 <223> n = A,T,C or G

<400> 1946
 ttactcgccg cctataacat ttccatgaa tcttcaatta tatcatagct actccgagga 60
 aactttgcag aaatgttctg acaccatgtc tcgccaacat acatttcaca acagcgccac 120
 ggattgacaa tcaagtcaag cacaaccatt tcccgatatct aattctccga gtgtttcttg 180
 gcctcactact aactgggatt ggaactgacg tcccgccaaa ccaaaattcc cttggcataa 240
 agaccctgga tgatccccac tcgtccaccc ttgacaacag tcgagcttga aggggtattcc 300
 gtatcaacat aaaggttctt caggccctca ctctcactcc autcagcgga ccaagaagtt 360
 gcctcggtctg tctcgagta ctcttggtc ttggaattcg catgttcata ctccacggga 420
 tcgttgacaga tgcgtcgtga ctgcgtaaac tttaccagan aangcatatg cgcattgtcc 480
 gcgatcatca acttgtcacc atatccaga 509

<210> 1947
 <211> 114
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

<400> 1947
 nacanccagn gctaactttt tggcaaanca ttgnacgtga tgcncatgt acntgaacnt 60
 gnggacaagn gctngggtna ttccgggtgn cnacaacgtt ntgaantatc ctga 114

<210> 1948
 <211> 238
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(238)
 <223> n = A,T,C or G

<400> 1948
 cnagcagcaa tctcaccggn gaggaccatg ggtagctgg caagactgag gtgncctnct 60
 cttgctccag tggcacattt ccattttgac ggtgacggaa gtgcctncta taaagactgg 120
 ncattgtcct ttacggagac gcttctntct gatggctnnt gcaagacgat gcaataagag 180
 gagatcttnc ttactnttat cnggcaaan cttgggctgan accatgggaa cggnttgg 238

<210> 1949
 <211> 1151
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(1151)
 <223> n = A,T,C or G

```

<400> 1949
aactgtcact catcgacttt taaacgceaa agatacataa tctgacatga catttgtcaa      60
aggcttaaaa ggaaccgaga accccctaata aagcttgtct gtttcttctt gggtaggggg      120
ggagataaac tcgatcacat tttggatata catttgtct acatacctct tccaccata      180
acctatccat gcctgagata cgtccaagcc tccctcagca atatcaacaa ctgcgccccg      240
acccgcttac gttgtcaata cacagcgagg cctcattata tttactttac aaaagtcaat      300
aaccaggctc ttaaacgttt cgacattctt ctctttggct tccaggcttt actactatac      360
atatcacgtc ctaccacccc acctctctac tatatctcgc cagtacctcc acacatctac      420
tctactacat atacctatcc ctcttatact gtatagctct ataccgtgtt atcctctctt      480
acatattatc accttcatac cctcgtacat actcactgta caaccacaac ctccatcaat      540
atgttgccat accgtaattg cccagcggat gtgcaaggat tgccgccaca gcctaggcga      600
gacggtcacc gatttcacac gctgtgctcg taaatgctcg agccctttct actgccttac      660
ccctgagcct cagatggagc tgtgtaacct ttgtgccaca acgtcgacac tgtctacacc      720
ggtactcgca ccacatgctc ttgaggacac aaccactgca gccgcagcag cagcagccgn      780
atcggccggc acgagacttt accatcatte gattggaaag acagtggcct atccaggacc      840
tggagtatgc cggcacactg cggccactag aagtttgcca caaaccatga caaaatgggt      900
cgattaccgg acattaaggg gcgtcatttg tgtaatatct tgaaacaggg aaattgaaac      960
gaccgaaacg aaatttgacc aaaaaaangc gtgttttngg aaacgaacag gtattgatac     1020
gggcaaaccg acagaagggt caangggcgc atttgagacag ganttnatca angctttgnt     1080
ttgctttact ttaatttaat ttcatttttg ggntaacttt anttcaattt ccatatgtaa     1140
atgncacttt a                                     1151

```

<210> 1950

<211> 589

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 1950

```

cactcaacga cgacaacgag gctcgactca gcagccgccg tgagaatctc gaccacgccg      60
cgtctttgtg atttctctct ccttctacct cacatctcga ctttcaattc ttctcctaag     120
acaagacagc acagcagcat cagcagagta cagcacagca caacacaaca cgcacagaac     180
cccateccag ttccagcatt cgtcctccac tccctgcgca gtaccagcct gcctgcacca     240
gcaccagcac tgcactgcaa tcaattgaac cgcacgataa cccaccgtcg tccaatacca     300
ttctcagccc tggctgggtc agtgccttat cgtcctcttc ctgcatgaga gtaatcgctc     360
tatttcgctc cctcgagtag tctttcttca ttagggtgctg tttcagcctc ctcagcttcg     420
antectccag ctctcgcact cgcgggttctt cgtccggctc cgacagcaac acaacgcttt     480
cgccagacgg gccctcttct ctgcctctaa aatcgtctgc taataacgaa tatcaatata     540
attcatecct acaacgcttc ggtgcattga atcaattgct tgcgcatct                                     589

```

<210> 1951

<211> 719

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 1951

```

cccgaggtea tccgtgcttt tatccaccac cttaactgttg acctgcgcct gacacctctc      60
tggatgcttg tctcttacga agtccagaag attctcgctt ctgagcttcg ctggcgaagt     120
ttgacctgta ccgaggagca gcgtgttgat gccgacaagc ataacagtgc tcaaatcgag     180
ggattggctg caaggcccgt cgtgttgagc gtgaacgant caanatccac gaggtcaagg     240
ctgacgaaay aatttatctt tctgtccaac cccgctatcg acgagtggaa gaacaaccgc     300

```

aagggcaaaag	caagtgcatt	ttacggaggt	tgcacatgga	tgcaccagga	gcaccgccgt	360
tctttgctgn	cgaaaaggac	ggnanggcac	gtctatgggc	gttttggcca	acttgttctt	420
cgtaaggntg	gcaagtgaag	tgggctntcn	atttctctgg	gctgtcaacg	gngccatcga	480
ggtctgggca	actttgcttg	tccaacgtca	cgggaaaggc	acctttgtgc	angtgtgtcg	540
gaaaacttac	ttgccngaa	cacgttggcg	gaattccncc	aagttcttna	cgcnccttac	600
gaatttttat	tgacaggctt	nggcttttnc	gnaagggttt	ntttccnatc	caaattcggg	660
gccttgggga	nagganaatt	tacatttgtt	nttctaaaaa	agggngttgg	cctgnccca	719

<210> 1952

<211> 637

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc feature

<222> (1)...(637)

<223> n = A,T,C or G

<400> 1952

aagagatgtc	ttctgctgtc	tctctggtag	catgggtgtc	aagttccgcg	actttctcaa	60
cacttcacca	cagtttgagg	atatgtggga	caatggctgg	aatcgaccag	cagtcttcgg	120
ctcacgacgc	cctgttgccg	ccagccagcc	aacagcacct	cctggagagg	gagctgacga	180
cgaaatgggt	gatgatgaga	acgactatga	gggttttagac	ggtagcgaga	tggttgtgga	240
tgcccaagca	cagaatccc	tcaacggcaa	gggaaccgtg	aaccccaatg	gattgacgaa	300
caacgcattc	caacaageta	tcctataacc	tcctccactt	cctgggtttc	caatagaagg	360
cggagtgtcc	caacctacga	ccagtcgaag	gagcgcagca	ccccttggcc	atggggggccc	420
agcaaattga	gaatccccta	gtggcgcaag	cacagcgacg	atccaccggg	cgcaggagaa	480
tggagatcaa	tctgactcga	tgaactaaac	aaccagaact	ttgctttcgc	tcacttagac	540
aacgcaccag	attggtttgg	gttctttccc	tctcatgaat	agatatgcgt	gcttggccacg	600
gaggntgggt	gacggacaac	gttcaggatt	tggtgtg			637

<210> 1953

<211> 614

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(614)

<223> n = A,T,C or G

<400> 1953

ccgccatctt	actgcacgc	gtctagcttg	accaagatcg	agaacccaca	tctgtctntt	60
aaaaggaccc	agaacccaac	tttcccggtg	ccccgttcgt	gaaacggatt	ctacgttata	120
ctttatcgag	accctgttgc	tgtcccggtg	tcaccttagc	ttgacttcc	acacctacca	180
cttgetctca	tttccctcct	gaccctgtct	cttccctcct	attcaacacc	atctatctac	240
tctgtacctg	ccttccctg	tggacaatag	ccttccctag	gaatacaata	ttacctagnt	300
gntgttctct	tctctactc	tactctactc	tactctactc	tactctactc	tatctatcta	360
ctgnttaaaa	aataadcccc	accaactntt	tcttccctg	agcggcattg	ggttgccaat	420
tgcacccatc	actatctcga	ttcatctcag	gtttttttgn	ccgctaagc	caacatcttt	480
gttccgctac	agtcactgtt	tttttccaac	cgcgctctnt	gaaacganca	caatggattt	540
acnggggcaa	acaacttttg	caacccttaa	gcctacnaac	aagtttatgc	eggantcttt	600
cttgaacg	ggnt					614

<210> 1954

<211> 577

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

```
<400> 1954
cgagaaccac cgtatcatgt ctagtctgcc gcagcaagct cctttgttga gcgcaccaaa      60
ggctcgcttc gttgtcagct ggtgggatag ggaggttcac atctggcttc ttcgacagtc      120
agctaccgaa atgatcaaca ccgagaacaa cgatatcaac caaaaccgca agctgattaa      180
gactattggt gtcaaaggag attcgaatat tacctcggca actattgacg acgagggttc      240
gcttctgatt gttgctactg ctatcgatgt taaggccttc agactagaac accaggatcc      300
cgtcaggccc tctgatgtca gggctctggc ttccgaactt ccttcaaagc ttgcggggagt      360
cggtgccacc aangtcagct gtcgcctaac gcgcagtggt tctgcgcaat caagaangct      420
ctcgcgttgt catgggtgcc tcgaccccg tactccagac ctgactgnct tttnacactg      480
tcaacgactg cagcctaagc gngatcagtt aacgtatntc ctcaacggag gatggcaaatt      540
tgacanggcc attcgcaagt gctttttccg gnttcaa      577
```

<210> 1955
 <211> 797
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

```
<400> 1955
ttcacttaca cggcctttac cgatatcaac gactactctg acggtaaccg cgcgaccaaa      60
ctgccaaata acacgttcaa atttccgggt tgtcgaaaaga tataaagagg aacactaccc      120
ttgcttgtag ggaaatcagc ctcagtacca acgaccccg cacaagtttc tttcccagaa      180
cagtgccttg aacgactcgc ctatcgtcta cacatatata tacacaaggc ctcagcccat      240
ataataacaa tttatggcgg ctatgatgtc gtctgtcaac ccttttacac cggtgacccc      300
tcgcgcggag agcctgtcct ttccataaact tcctgcccac aggcgcgttac agaacaacct      360
caaacgcaaa gcacgtgcac aagaccctct aagtggccta acaggtctca acgcttccgc      420
aatgatggca ccacctcctt caccgacttc acaacccgga cgtntcgtc accaaatctg      480
gctcanggnc aagctctaca gtacttccca agtctagtgg tgcgacaaca cctgaaattn      540
ctaacatacc tggngcaaac ctcgatctaa atatttngcc tggnatTTTT gcattggcgc      600
ctattattaa caaaggngcc aggtgnanca aactaccaca acaacgttgc aggcttgggc      660
cacatgnta ggcaaaatgt anggaatgag cagggttttt gttgggggtg gnttgggttn      720
ggaaaaccgt ttcanccnaa aggaaaaaaa naaactcgtt tccacccggn tggaaccgga      780
gaanattcaa anagatn      797
```

<210> 1956
 <211> 500
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

```
<400> 1956
cttctcttca ttcttctttt cttcaatcaa cctacacttc atcgacatac tcaggttctt      60
aaccttaacg catattctac gactcaatca atactttttag caacatgggt ccttccgcaaa      120
accccaatct tctctctcag gagagactta tggctcttgc ccaaaccttt cagttcgggt      180
ggtttgtcgg gtatgtctat catgaacctg tcgcagtcgg ctgtgacggc cagattgtat      240
gatecgtgac taacgataat agacacctca cctcctcctt cgcaacgatt cgatatgggt      300
tttctcgggt gagaatgaac tactataccc gcattggccc gttctcttca cgaacagcct      360
ttgtcgcgcg cgcgcgtcac tatggcatcg tctgttataa gacaatgcgc gctcgtgcta      420
```


agaacggcca gcgtgctgct cccactccct tggctatgct tgccgatgan aacattcaat 480
acctcgccat gtctcttggt 500

<210> 1957
<211> 169
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 1957
nacattttctt gctncacacc ngggaanatg catattgtgg cctaaagaat actcaattga 60
ttttactntg atgcctcan ntqattatat accgctgaa tnaactctagt gttacctaac 120
cgcttnatca ccaaaagtga canacacgan cccggggctn tacnaaaga 169

<210> 1958
<211> 299
<212> DNA
<213> *Fusarium venenatum*

<400> 1958
agacctcagc agcatcaatc gcagcaagac taccgcccgg atcagtatcc cctccgcca 60
cagcagcatc aatctgggtg ttacaacca ggctaccagc aagaccaagg gtacggacac 120
gatcaagggtc aaggccaggg atacggaaac aatccccgct actaagaact ggaaatgatc 180
atgtctggta ggaagcagta tcgcattggc tgcgcttcaa aagttacata gcgtcgggtt 240
cagcatggcg atgctaggta gaccttgaca gattgatgaa tgatatgacc attagacct 299

<210> 1959
<211> 390
<212> DNA
<213> *Fusarium venenatum*

<400> 1959
cgagtcgtcc atcatgtcga cctcggttga tctaaccgga acttacctcg acaccattgg 60
cagaacgcac gtcagtatca aggcgagaaa cctagttgac gagttccggg atcgatacct 120
catcatctcc tacgatgcgc ctttgtcgag cgctctccga aagcctctaa tcactcttgc 180
cagtgcgatg gcggtcttcg tgactacttg ggctctgggt caactgcaag tggaatttaa 240
gcagaagaaa tagacgttta aatagaacgg ggcactgtgc tttgatcgag aaatcttcgc 300
tttgcagggt tgcggaagcg aatttttaag acaggatgta aaaagtgcaa catagaaggg 360
aatctcataa tgaaacaagt ttctagtctt 390

<210> 1960
<211> 553
<212> DNA
<213> *Fusarium venenatum*

<220>
<221> misc_feature
<222> (1)...(553)
<223> n = A,T,C or G

<400> 1960
catcatttct ggctttacaa tctaccgtcc aggcactcct ggcgtecttg totcgaccac 60
catccatcat ttccgaaatg agggcggccca agcgtgaggc ggatagaaac tttaattctc 120
tcaacaaatc caggtggccg cttggcctcc tagatgacac tagacagcgg ctctatgatg 180
agaaggaaga ncgggcgcgg aagtcaaggg aggaagccgc aaaccttgca agggaaactc 240
gatacacgca acagacggtg gctgggggaa tggcaggggtg gcaagaccta catgaaaaga 300

tgggtcgcca	ggctatccgg	gantttgtcc	gtgggatggt	ggtgcaagaa	anaatgaant	360
tggatggcat	gttgaaggcc	tcaggaaggt	aagatccgat	ggtcagggtcc	aaagttggct	420
ggaatgatta	cgggcaaggt	cctaatacctc	nacaatggcg	gaactgaagc	tgtcatgatg	480
gacanactgg	aagccgtggt	gatacctccta	atggcaatta	tacaattgtg	atacgattct	540
gggatagatc	aac					553

<210> 1961
 <211> 266
 <212> DNA
 <213> Fusarium venenatum

<400> 1961						
gattcttttc	aaccgtacac	gacaggctgt	cattaccgga	gagctggctg	agattatcac	60
tgggtgctact	gcctctgctg	acatgtaagg	agtgggagta	caagtcgggg	tgtaatgctt	120
ccctttgtaa	caaatgccaa	cgggtcacca	tcctcgcatg	gtctccttca	ttgtatcaaa	180
gcttcaataa	attccttagt	agcccataaa	gtcgatatgt	atggtaattct	aaaaaagaga	240
ataagtagcg	atgccaggaa	gcttgt				256

<210> 1962
 <211> 613
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 1962						
ctaggccggt	tcagaggtc	ctctctaacc	cagctaacag	cttgtctgtg	ccgtacttna	60
naaagttctt	catctttggt	gtaattcttt	agagcttcag	gagacgatgg	cctgtcccca	120
tattcacgag	gtggcatcgg	ggatcgagaa	gcatcaagta	cagatggaga	tggtgaccgt	180
tgacgcattg	tttgatgatt	cgatatcgtg	ctttcttcag	gggatctggg	gtaggctgat	240
ccgggagccg	aacgaggctt	tctcagggtg	ggaggagctt	gaagatgtgt	gtcgatagta	300
gttactctgc	gatgcgggtc	gcgaatggga	cttgccgggtc	gttgcatgaa	tagaggattt	360
ggcttcaagg	ggctcgggtt	gaaggaaggt	ccgttaatat	gatcaaagat	gtcnacccaa	420
atgacagact	tcgaagtata	tctgaaattg	ctcgaagagt	tgctggatgt	gccttcaccc	480
cctgttaccc	catctccagt	gcggtaaatt	ggcgggtgcc	ncgcggaaac	agactgtnta	540
tgtcaatata	ctgaatcaaa	tggcagttca	cccttacctt	taagctcctc	tcattgggtgg	600
taaaaaaaaa	ncc					613

<210> 1963
 <211> 621
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 1963						
gactatagtg	catttactaa	gtattccatat	ccataactcgt	gctcatttgt	attttttttt	60
ttcaatcctt	gatccatctc	ttgagtgncc	atctccctct	taccggtacc	cctcctgcag	120
ccttanaaaa	cgcagaccca	atcccaatca	caaccccaac	ccgaccgcgc	acgcgcgcga	180
tttaacgtct	ctacttccac	ctcaacctta	accttccgcg	accgcacccc	gcattgcatac	240
aattnaacgg	cctctcggca	cgattagcta	tcagagccac	ctggccgtga	gctcttgctc	300
caaggctcgc	gacgtcgggt	tcataagctc	gacgtcgnta	tcgaccttgg	accttgggtcc	360
tgatgccttt	ggtaaacagt	ctgggaatgg	gtcgccgggtc	aaaatctttt	ccacgctctn	420
taacgttaca	naagctcctg	gtcctacaaa	ctcgacgggt	ccaacactnt	tgataacatc	480

gggacatcct	ntccggcgag	tttggcgggt	tcttcacttc	caacctcaac	ggggacgtca	540
cctacgggat	ttgnaacctc	tttacccecc	anggttcttt	tgcgcttaan	ctccggtttt	600
ttacnttggg	caaccnaaat	t				621

<210> 1964
 <211> 587
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 1964	
aanaagggtca	gogaugaacg
caagcgtctc	acagacctta
ggacaacctc	agcagcaacc
ccagcccga	cagcgacagg
tcagcagcag	attggcatgg
ccttgatggt	ttcaacttcc
agttattgac	gctgctgttc
ctctgaagaa	gaaaagctcg
ttctgaacct	gtcgacgctg
cctgttccat	aatgaanccg
	ctaccaccgn
	caccgaatca
	accaagg
	60
	120
	180
	240
	300
	360
	420
	480
	540
	587

<210> 1965
 <211> 646
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(646)
 <223> n = A,T,C or G

<400> 1965	
caagcttcat	caatatacat
ggttttgctg	ctgcctctca
ggatcccacc	atatcgagcc
caccagcgto	tgcgcccga
gatgaggaga	gaatcatttc
tcggatgaca	cgaccgcyac
ttcgagtatg	aatcgttctt
cccgagcaaa	gagatgggga
ntccctgagc	agatgtccca
caatccagat	gtgatcccca
ncctttatct	cctccctgtg
	gcattcaaga
	aattgggaga
	cagact
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	646

<210> 1966
 <211> 501
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 1966

ccgcaggaat	tttttttttt	tttttttttt	tttttttttt	tatcggtcaa	laaaatcatt	60
tctttgccat	catctaagtt	ggtccaatac	tacgccaaca	actccgtgtc	tagatcaaga	120
gcgctccgtg	taaaccctcc	catttgcttc	ctggctttgt	gatgttgaag	cctttgttat	180
actgcccaat	gccccaaaa	caaccaatcc	atcaagtaaa	ttttgtgtat	acgcctgcag	240
tgctgcgcct	tcgtccctga	aaaagaaagt	gtaccaattt	atagttgcac	atcgttgttg	300
agcaaccgga	cctnttcacc	tggtttgaag	ggtggaagg	ccatttttagg	gccttcattn	360
caatnggaaa	gcntngccaa	gtggcagttg	ccacacgagc	aaccttgcc	gcactgngaa	420
gccatctcgg	caggctcgctg	gtgcaacttg	atgctntgac	tggtgcggct	gtggcacccct	480
tgcggcgtnt	tcagcggcaa	g				501

<210> 1967
 <211> 792
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 1967						
ctctgatacc	tattccatgc	aaacctgctat	tcgcaaacgc	atatattcga	tgagggtttga	60
gggccataat	tcagatctct	cgccgagagc	cgatacttcc	ttaaggggggt	atgttcaaac	120
cccatacgct	cgtttcgaat	aacctatggc	ttgaacaatt	ctcgtccgcc	aacacccaac	180
cctccccaga	acttcaaatc	ttcccatggg	tatacgccca	taaaccgtcc	tcgggtccat	240
cgccctcaga	attggatgct	cgacgtcgcg	ccgctgaacg	tcgctacttg	aaggggccaaa	300
gtctactaat	acctaggcag	tacggcattc	aacaacaacc	gactgcaggg	ccacattcac	360
gcattgcaaac	aaaacgtgca	tcattcaatct	cattgcaatg	catatattcc	gttttnaggcg	420
ctgcaggagc	gttcacgctg	tacttggttaa	agaaattcng	catcgtgtctc	atctcctctt	480
gacctgtgga	tttgccagcat	gaggtaaagg	cttacatnag	caaaaacttac	aatatccaac	540
ggccacaagc	tcaccatcga	tcocaaagttg	ggggtacgtt	ggncaatccg	caaactcttg	600
agtcctgtcg	gacctcgctg	tcgncaaaaat	atcttgatga	attgggttcga		660
cnaaccaacc	actgctaana	aacccctggg	ggactggngg	gcctttatna	aaaatgaagg	720
ggggcttaaa	ggttttttaa	ccttgaaagt	tntttttttt	ttagggctgg	ttttctttaa	780
anaaattgtc	cc					792

<210> 1968
 <211> 649
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 1968						
ctgagatggt	cccttnttta	tctacctaag	ccgaagctaa	ggtacaacaa	gacangggag	60
gcatnttato	aagcaacctg	qanacccaag	cttaatectc	acggcacgaa	actgtgcgc	120
atcataggca	accaaactgc	taccatcaga	ccatcaatct	caacgtaata	tgagggtctg	180
agttttgaatt	tttcatctct	aaagtaatat	ttctgctatt	cgacgagact	ttgttttctt	240
tctacaaaaa	gtgcattocaa	aataaaaacc	cagctattcg	gcttgccact	tccttccgc	300
attacagccc	tactaaggca	accaagctcg	acagcccacg	tcaagacgcc	ttcaggacaa	360
ggaaocggacc	ttgaaacaat	cacccgtctt	ctagtgcata	aaggctgcct	ttttgatctt	420
tatcttttat	cctnnggctg	cttctttgcta	cgaagcctgt	gatggntata	aatctcttcc	480
tggtctatta	tcacctcgth	atggaacaag	caagatctct	aaactttccg	ccttattctc	540
ccggggccccc	tgatactgaa	caccgatcaa	ctcgnacgtc	tttattggta	atcaccttga	600
cctnnggcgn	ttacaccanc	ttccccggcg	ccaccccacg	aantttttt		649

<210> 1969

<211> 611
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 1969
 aattttttttt tttttttttt ttttaattggaa agcgtcgatt atgctatcaa tgacaatttc 60
 gtaatcaaat attctgtgct tttcgcgat cataatctac cttcggtgg ttgaaccaa 120
 tccagtgtct tcgtgacggg tagactcgtt tgatgaagat cctgagcgac caccatcc 180
 tccgccatt cctgacccct ctcgtccgaa actgcgtag tcattgttgt gattattgta 240
 ccgattttgg ttgcgttggc cagccagata tccgtcgga gttctccac ccgcaccgtt 300
 cagaaaccag gcttcaggga gttacttgat tgagaagagg gcttgggttc nyygtatgga 360
 gggggaggat cgtcaccatc ggggaccna accaggacc cattcaccaa aagaccaacc 420
 gtcaccacgg cgcggangtc tgntgggggt gctgncanct ttctgcgctn tgtagcatgc 480
 cgagtagata atcancccg gtagccaac aaaaatgatg gtaaagaaaa aanctccnca 540
 atntgtaccg gcgcggggc tnaactgaacc aaccttcgtt ggcgatgtta ngataacnac 600
 cttcgnctt t 611

<210> 1970
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 1970
 tcattctctga gacaaaggga acaagggtgc acttgttcaa atccggatct tgcagagggc 60
 ggaaatcctc aaccaactg attaaactct taactcgaac aggagcaca catagactag 120
 aggcgtctac catgccact ttggcgcttc atctttgaaa tctttcacc ttccgtcttg 180
 cgaatttgcc ctgcctggct gttcctctca tttgtgattg cgattattgt tcagtctctt 240
 ttttttatct taccaccact gcgcctcaat ttcgactcga tctttacata ccatacatc 300
 gtagccatt cctcttaata ccgaccgtct gccatcatg tcgtacctc tctactccat 360
 ctcatcttcc tccattgtcc tcggcacgaa tctctcttcc acccgtgcca ctggatcctc 420
 acctccaaca tatgcgaact cgaactccng cgcggantac attactcgcg anttcccaac 480
 agcttcgcn gcanatcaa gctggctga ntaatacact ttaatttgct gaaacttgaa 540
 tntggcgatc ngcccggtc gacanacacc aaggcgaagt ctgcttctg 589

<210> 1971
 <211> 392
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 1971
 ctactgctat cgtctcaagt tcaggcagcg cccccaaggg taatcctgag ygcacagatg 60
 aactgagcc cgtgacacc accaactgtg ataccagcag cttcaaccaa gaatgcggca 120
 agtcaggctc tagtaagagc agctctgaag atggaggctc caacgctggg tcaagggaatg 180
 gtgcgagtgc gttggccatc atcattgcag gcggagccct gttctggctg taatcaacat 240
 attcgtctga gttgtccgtc ctgcgattcc ttgcatcga gtcctctctc accgtcttta 300

ttatatagca tctcactgcg ctttcccttc tgctaacata ttttttcatg gggggtgggt	360
ggattagana ctttttgnat gaatcgcttt ct	392

<210> 1972
 <211> 439
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 1972	
nacntaaan atqcgttnta cegntgctct ccgaatgttc aggcagaccc ntcgcatgnt	60
gngacccgtn cccaaggagc accaggctgg ccacaccatc tctcagcgac tccgaaagct	120
caagcagatc cctcctgagc tgtacccctt cgtcgtcgtt gtcggncttcg ctctcggcgc	180
tgcggtctac tccatttctc gcaagttcat tgtcgacaag aaccttccgt ctcgctcgac	240
agggccctgc tgcgcgtcag gcaagcagcg gtcacnggtg agaagcgagg agcactaaac	300
ttataccgaa gaatagaagt gactcttggg ggaatgaaat tggttgaata tcttgggacg	360
ggcagtactg tacattccan aacgnacggt agcagggaaa tccgtcagac ataaaatatg	420
aatttcngtg attgatatt	439

<210> 1973
 <211> 512
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(512)
 <223> n = A,T,C or G

<400> 1973	
aacacctctc tcttcaactc gcgacctgtt ctcacctctc aatccagccc gctctcgtea	60
ataatcgcat tgcaaccatg aagattctca caaaggaaga agaggaggcg cattattcgg	120
ccgtcgtea ggggtggcttc atcggaggca gtcttggtct tgcaatcggc cttggaggcg	180
ttgtccttgc ttcaaggcga taccctgctt tccgcggcct cactcttccc ttcaggacct	240
tctcgtcacc atttgccggg acattcggcg ccatcatcaa cgcgcgacgg tggtcctatg	300
tttatcaaaa gaagcagaac cctttgaact ttacgggga cgagacttag ggcgcgcagc	360
aaattgttcg ggagaaccat actggaatgg gggcgtttta tggactcccg gaaagggaga	420
cccgatactc ttctcggttc gtctcatggc ttgcttncat gggatgatgat tttgccatgg	480
tnaggccgtt cgnccatgaa cacagccaac aa	512

<210> 1974
 <211> 767
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 1974	
ttgaaattaa cacatcaaca tacttggatg atatcataag accgcaatac ttttaactatc	60
cggataacaa caaaagacag cccgagtgcg tctgaaccga caaataactca catcaactac	120
accatatata tacataacct gaaaatggcc accgagaccg agactttatc cttttcacta	180
ccaacgagca ctgctcccac cgacgtttct gagtcaacat gcattgctca ctctacgccc	240
tttcaccaac aaccttcggc alatacggca cagnacatac ccgcgcgagt ggataactaag	300

ataccaccaa	tgcaaacacc	tgcaacgcac	gcgcaacaat	tttgtagcga	gggctcatca	360
cctggaagcg	gaagcggctg	tttcaatgat	ggcgggtctt	tatacaggg	ccaggctgag	420
cgagaatgtc	gggagggacc	cggcaaaact	gtcgaagagg	cttgccaacg	ttcgctaaat	480
cacttttcct	gcccgggact	cgcctttccg	atgccagctc	tcgatttcga	ttttcgaatt	540
gcggttcggt	tgaaccaaga	cgcctgtccat	gttgagtcag	gcaacaccaa	nggaaatcac	600
taccgttgca	agccgggtgt	atnggtcccg	atcctttggc	caccgccgtg	tcattgcaag	660
cggttatgat	cttggtcaac	accngttttc	gggccccatna	agcttggtga	aggccctttg	720
ttntccanac	aatgatgaa	aagnccgcac	tactcgaaaa	tgccgcac		767

<210> 1975

<211> 102

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 1975

naaggccaat	ctgtaattgt	gtntgccctc	ctataagagg	atngagatnt	gggaatgcat	60
atnatggata	ttggatatng	agcgagattt	cgttttggca	ga		102

<210> 1976

<211> 846

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 1976

aggaattttt	tttttttttt	tttttatattg	cgaccgtcta	tattttataa	gtccaacctt	60
tgacaggtgc	agcggaaatc	aaaatctagt	ctaaatgaat	ggtcgctagt	atgaagtatt	120
aaatgtaaaa	attagcatat	ctataaaagtc	gtttttgcata	tcgcgttcgg	atctcatata	180
atgcattccc	ccaatcccgt	catcgctcgg	cccaatcaca	ttgggtgtcca	aagcgggaata	240
aaaacaacc	cctatatact	aacgccgttc	gctttcacga	acaaaaatca	aatcatgccc	300
aagtgttatg	cttttcatgc	atcatgtaag	gatcgtaaga	agttttgaag	aaagaagtaa	360
ggtggagttg	atcaatcagt	taatcgatca	accagaagaa	ggccaattt	agatganggt	420
aggcagcggc	gaaaccgaca	atggccaaga	aaccagtgac	ggggttcatg	ccagcaccgc	480
gcagtnacag	gttcgggaac	ataagaaygt	ggaaggctcg	tggtccctcg	ttaaaagtcg	540
gaaocgaacc	gganccggan	cggganganc	tgccaccacc	gttgctaccc	ttgcttccac	600
tgctcgtacc	ctcgtcgcca	ctgtcggtgc	cgtcgtcatt	gctgggttgc	tcgccctgag	660
gagtttttcc	accctcgga	cgggagtgag	gaggaggagg	agcgacaccg	gtagggtgag	720
caccgccaga	aggaacgggg	tggtaggtgt	gggaagggtg	aacagcggtg	ccgttggtgg	780
cgtgatcgac	aggaacgggtg	taagtgatgg	tcttgctcac	actctgcccg	tggttggtgg	840
gggggg						846

<210> 1977

<211> 635

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

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<400> 1977
ngataacatc aactgcctgg agctcatttg tacctcccc aaacgatcg aattgaaacg      60
gcatcatgg gtgtcaaaga tctagctatc agctacgtgg tattcaccgt cattcatttc      120
ttcctctttg ccttgctct ggcaacctgt ggtctatatg gcaccgacgt ccatcatgcg      180
aaccagcagg gcaagtactc cgactcgaaa tgggtctacg ccgtggtagt tggtagtatt      240
tctgctgtga cgtgtgtcct ctacttcgtt cctttgtcc tgcgtatcgc cgggtgtcttt      300
gttcgcgtat gggactttat tctcttcgtt ctctggatcg ccttttttgg cgtgttcggc      360
aagatgtata tcaacgagga cgtgaagggt tgatggaaaa cgtcagacgc atgaaagaac      420
gctgtctnng gttgaactcg ccagggccct tcttctgggt tatcgcaaca attgggggggc      480
tttcggatac tgggtggaag catngngaac atagancngg gctttactgg gcgcgcttaa      540
cggtttaaat taaaatatng ggccccagan attgcattgt taacgcccc taataagggg      600
naaggattaa acnaagccg tnggttcgna cancg                                     635

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<210> 1978

<211> 633

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(633)

<223> n = A,T,C or G

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<400> 1978
cgaccttctt tacaacgctc agcgctccatc tgagatggct ggctcgcta ccacaccccc      60
tctgatcaac tttagcggt gccgtatcgc cgctctgttt gtcaagacac tgctcagact      120
gctggaagcc agcactcgat acaagttcca gctatcgag ggcatcacag agcgctgtct      180
ctggatgagc gccttgagcg acgaggatat tgcagccac tggagatgc tcgaataaac      240
ctacacaaac atgtcgatca cccacatitt cataacacat cacacatat ggaacgataa      300
ttacgattta tgacacaccc actcgacggc gtttcatctc ctatgtctca aaatcatcac      360
aagagcatac ccagcatgtc tctacattat accccatctc ctacatcgta taatcatcaa      420
ctggctacac aacaaagcca ttctattctt caactactac atacaacata atcattatca      480
aagcatctgg gactgcagca anggagttgg gaacctttct ttttttactt tccggttcca      540
ttttcacaag gaaattcatt ggggggtttct aggnctaatt tcaatcatac cccgcacagc      600
gcaaggggca aacctggcgt ctggctcctt ttt                                     633

```

<210> 1979

<211> 609

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(609)

<223> n = A,T,C or G

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<400> 1979
ctttnatggt catgangctc ggaacggctg ntgggtgtga tggcagcttc tttgttgatg      60
tcttcacnac catctgcaat tatcttqata tctgggtgct gaccatcaag cacccttatg      120
tcgagaacga angacccag gccaacggta ctagaagga ctagataatt ccttacaarg      180
ctagacctgg cncgacagca ggattctgaa aatcaagtcc ttgttttgcc tctcgacct      240
ttcagtcgtg catctcgtct gaacactgan gcatgaatga cttattgaaa gggaaataat      300
ggaaacgtta tccacpanag cagagaggag agaapagaaa ngggttactt atcttaaagg      360
ggggagaaaag aaagtaatag cgatgggtac atagaccgac glttgagaga catggtttct      420
ggtaggttta accgaaggaga tatgtatgat tttaagacna anggttttgg gttttctctt      480
ggagttctnc agcgtatctt tggtttgtat tatttgccct gaaangytgc cagtggcttt      540
caaggtttga gtttagtttg gnttaccggn ngctcttttt gttgtaaaaa anaccccaana      600
nacaccccc                                     609

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<210> 1980

<211> 530
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 1980
 gacagaacaa aactcaatag aaatgactcc tccggatttc aaatttgat ttgacgagac 60
 tgtctcnaa tggaacgtca accaccgcga atggctcaag acgcacgaca aaacgtggga 120
 ttnttttagcg acaggagccc tcgtntttga cgctctaac cgtattctcc tctgcagcg 180
 cgcacccgat gacagcatgc ccaacaagtg ggaaattccc ggaggagcat gcgacgacga 240
 ggacgagagt gtccctgcata gttgtgtgcg cgagctctgg gaggaacag gtctagaagc 300
 cangtacatc cgtcacgtha lacctgacaa ccaaaacggg aagcccgggc ggtgtttacn 360
 aatcgacgg gcaananatt cttttgcaag tttanctttg aggnngatgt tgcttttggc 420
 ggatgtgaag ctggacccga aggagcatca ggattacgtg tgggccacaa aagaagaggt 480
 taacagcant gccttggggg aaanggagat tcntttacca atgccaatat 530

<210> 1981
 <211> 385
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 1981
 cgcagcaaac cctaagactg gtattcctgg tcaccttccc ccaggacca aaccatcatt 60
 tcatectcca cgtcattcc ctggactcgg tcccccaaca ttggcgccag atatgcaggg 120
 ctctcatggt ggccgaacag ggacggagac gggacgtgcc agaagccgag cccctgggtg 180
 acgcggccca cgtatcgggg ttatgccaca accttctcca atggcgtcta tgctgcttga 240
 tcagcatcat caacctccg ggggcaatat ggtcgcacgg agtctgtatg catcaaggta 300
 tccacnaagg tatcgggggg agagccaaat tatcgaagaa actgaagcca gtgccatcag 360
 gcgaagcggg aagatgatga actgt 385

<210> 1982
 <211> 574
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 1982
 ctccagccaa cctcaactcca gtttcccggtg tcccattctc aacttgaalt ctttccctct 60
 tctccatcga gaagcattat tctcaactccc gngactccaa aacagtatca caaactgcaa 120
 taccatctat tottaattct acccggtttt gcacatttgc gcttgtaaac cagactcgct 180
 ttgggacaa aattgtttacg tcatcatcat gtccgacgga atcgctccag ctatagacaa 240
 agtrjggcca cctgcacctc cggccccga agctgaggtt ggccctccca ccttggggac 300
 agcagctcct tcagagccta ccaagtcaga ggagagcaag cctaactggtg gtgcgggtgg 360
 tcttcacgct tcgcgaaagc ccgtcgaggg tgcttcggtt ccacaaacgc ccatcaacaa 420
 catgacccca gcaggtggca ctctcgacc tgtgctcaac atcgaaaaaa aacccaagga 480
 ttcccaaaag aacgaagatg anaatgcttt cgtcaccacc ggggtaaaaa caacctttgc 540
 cctaactgttt ggaccnaatg atgtaaacgg gacc 574

<210> 1983
 <211> 679
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(679)
 <223> n = A,T,C or G

<400> 1983
 cgactacacc atggagccac gagaggaact atatggtaga gatgccatga gcggaatgt 60
 ccatacagaca tcaagctatc cgcaggcttc atacgagcca caaccttctt atgaccagca 120
 gcccaactac ggtcatacca acggcaatgc taacggtggt gccaaagtca acaactacac 180
 ttttaacaaca gtgggagagg gtttccctag acattgatggt ggcgcgaccc atgagactca 240
 gcnatcaact cgaaggcccg aatcagtgta cacggagcgt gactcagttt tgctccagac 300
 agacgatgaa gatgagaccc ctatgcctac acgacccgtc ggttaacaac ccgtccgaga 360
 gccataacac tatctcaaac ttgcacattt cttggcggat acccaaagag cagttatgca 420
 cataagcaag attttcgttg gcgtctttat tttcctttct ttagcttatt atctccttgg 480
 ncaactgngt atgaatggga cngacaaaga tgactagtct tgaanaatgg gcaagaagtg 540
 gtaaaaagggt ttggaaagca agtggtattg ntnggaggcg ttggcttnag tggggaagt 600
 tagngngaatt aattatnggt atttgggaaa tncctcgctt angtttggat ttggttatnc 660
 ttggatcggg tttcaaaaaa 679

<210> 1984
 <211> 610
 <212> DNA
 <213> *Fusarium venenatum*

<400> 1984
 attttggttac tctcaaattcg acccgacccg tctcgttcat catcgttaca gtactgaact 60
 tatacagtag accgtatatc caccaattgc ttcgcctcga cgcctctttc tccgtctttc 120
 catcacagtt tgaacggaca caaagaaccg caagcgagaa aacctgcgac atcatttggc 180
 acctaaatta cctagtgtgc agtcgatgat cataaaagag gggcagctgt gtttttggcc 240
 gaagctccag ctacactaca tcatcaccat agcgtggtaa acctgtatt gtttgccttg 300
 tttagaaagt attctgtact gttcgttcag agttcactac ctgcgattgc attgcacaac 360
 ggtttaccgt cgctaacaag ctcaattcgc ctgcctaga agttaagaca gattcacttt 420
 actttttacg ttggtcttta tttgaaacgg cagacctttt tgaaagtatc attgagggtt 480
 gccgggccac ctttccagcc accacaagcc aggtatagag catcagctcg acctatccta 540
 tccaaattgc cggactctgt ggggaatgcgc caagcgtttg aatcctttgt ccacaccggc 600
 aacaagacaa 610

<210> 1985
 <211> 630
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 1985
 gaaacagggc atcggttaag gggcacaaga tacttccgaa gttttctcga cttactcttc 60
 ccttaccgcc cgggatgaat cgcagctctc ctccgacccc cctccttacc aatctcccaa 120
 tgagcattcc tatgaggaga ggcccaaatc tatgcagtcg gacttcgaag tcaagagtgc 180
 catttcccaa gctacaacat ccatcaagga gactgctgag ctgacctacg aggagcttaa 240
 agctaagctt gcccaagctg agcagcagct cgtctctctt aaggatagcg gtctccgtca 300
 gcgaaatggt aagtcagatt ccaacganga tgagaagcgg cccatggccc aaactgcccc 360

agccattcag	cagactgtcg	agggtgtacc	agtccagatg	gcggctatcc	tctgcttggt	420
caagcttcct	gctcgcttat	ttcttcttct	aaaaataana	agatggcagc	ccaggatcct	480
ctacaaanaa	actaatagac	aggcctgatg	acgcttatga	taactccact	gggaagcatg	540
gaattctang	ngcatatata	ttcaaaagta	cgggaaaagc	aangcctgga	aagcatatna	600
taatgatggg	taggatgngg	caccantcan				630

<210> 1986
 <211> 659
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

<400> 1986	
ccagaacaaa	ttcgacactc
gactgagaca	atttctcatt
tctacctccc	gattatgaag
ctgctccaca	aactctctcc
cgaagcaact	gacttctatc
catcaggctg	cctttacccc
aggaggacat	agaggaagc
tgcttcctag	cccgagcaaa
tttggaccag	gtaaacctcc
gaggatatag	agatcagttg
tcaatacctt	cgaatggcga
tttatcaata	ctttcaaaaa
caataatggc	tggtcttcta
catcgagcta	cccccatct
agacatatat	aacaataaca
acttcagatc	caagcatccg
tcccattctac	atcttcaatg
agaatacgtc	tctattcgac
cagctcgtaa	ttcaggatca
tttgcacgac	gacatatcgc
aatcacagaa	cggaaaaaca
cgtagttatg	cgaactcatc
cgctgagcgt	cgngccggac
aaacctttg	
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	659

<210> 1987
 <211> 487
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 1987	
cccccaacagc	actgacaatc
cagcggggcaa	caggaacctc
tgcggttcgaa	gacgatatcg
gcctgtgatg	acacctccac
tatggccgac	tactttgcac
atcggaccca	gatgattcac
taacctctga	actcctggtg
cagcattcaa	ctgaacatga
cccccagget	gcccatttgg
gttccttagct	tcaaccccc
ctcggttcatg	acgcacccga
ggaactccta	gtgtagacgg
gagggccaag	atgactcaga
actggacgtg	tcaacgtcgc
agcttggaag	tctccagacc
ggcgtgcagt	gngaagagca
	50
	120
	180
	240
	300
	360
	420
	480
	487

<210> 1988
 <211> 609
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

```

<400> 1988
tgggaagcag ctcttcagga gcaacacaac caaatttgct cgactctttt gtattgtttg 60
atattcttct cctctctttc ttttctagga gcattatcag acagaaattc tacgacttta 120
ccccagacaa caaacagcat ctccgctact cttecgctcg taatcagaat ggagcctatg 180
aggggctgt ctgggtggtat gggcaagcag ccagctcaac aagaaagccc tgaacagctt 240
ctcgacgtct tcaaggcagc tgctctctcg gtgaccaagc tctacaagat ctctgctgcc 300
ggacagtcaa aggcacgagc cgatggatat caggattgtc tcgatgatct tttgcagttc 360
ttggacaagg agggattggg cctcggcgat ggagaaggat ggaagattcg taaatgggag 420
accgaaaggc tcgacggccg tgagagcagc tctctgaaca cggagagtga ggatgaagcg 480
gagaagacgg agacggcttc atcgccgtga ctgagcccg caaagtgttc cttcttcagc 540
aagccaagcc aaatgcgaac cgactctgca ccccgagca ttctnctgt ccacgaagag 600
ccaacgccg 609

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<210> 1989
<211> 490
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G

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<400> 1989
ggtcaatggt atogaagact ggcgttcttc tttgaacaac atctccaacc taattacaag 60
gcccgcagac gaaagattaa ccaaggctta tgagcatgaa ctaaaagtgc tcacggactg 120
tttcgaaggg atatttggcc agggacaaaa tgcttctttg aatggtgttg gcaaaactcg 180
gattataata agctggatct accagctcaa agatgattac atggaagggg tgcataaagg 240
agatacggtc gccatagtia tcttgggaca cttttgcgta ttacttcgga catcgaggga 300
aaagtatttg ttcattgcagg aatgggcagt tcatatcatg aaaggtatcc ttgctatgtc 360
cgaagatttt cgtatatggc tttcctggcc tctcgcatat ctgaatttan attgccagag 420
atagagataa tgggttcttg gcaataactgt ntttaagtaa tcatgctatt ttaattcaag 480
tctgnttgac 490

```

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<210> 1990
<211> 612
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

```

```

<400> 1990
gacaaaacct tccacaggcg caagttatth tgtgctatag aaaagatcag cgaagatggc 60
gtccaacggc acaaaacgga gaaaggttgc tcacaactct tctgatcacg agtctcgagg 120
tcaagccgag tcaaagagcg cccagaaatc tttcttcaag aacgcttcga attgggatct 180
cgaacaagac taccadtccq qcccgcgcaa gggcaagaag canaaggaga gcaaccgact 240
acctatcaag acagcanatg gtcgaattga gcaaggcgaag aggtcaagaq gatgatgaag 300
catcgattga aagcgacacc gaatggctag aahgccgcga ggatgaagag gaggtagagt 360
ttgaggaaga ngangtccan gaagaacctg agattcctga gcttcaacaa gattccaaga 420
tgcacaagan ggattgggca agatttggta cgcaaatgaa cgagaatccc ggaggaacac 480
gtccgngca ttcaaggnac cttgcaagat ncgggcaate caagaatggg cnccaatcaa 540
natgctcncc ctcaatgaca caaattgact gcttcaaaag ntgtannccc tgggttcccg 600
gatancttcc gc 612

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<210> 1991
<211> 705
<212> DNA

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<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 1991

ccagcatata	cacatcttct	tcaacttaca	ccacaacttc	aacacaaaca	ccaaaaccaa	60
ccacatcacc	aacatcatca	tcaatatgcc	cgcctacgag	tactgctgcc	agtgtggagg	120
catgattgtc	atcagcacca	cctgcaccgc	ctgcggccac	aagcagtgca	acaactgccc	180
tctctgctaa	atgccccagtc	ttgacaataa	caaccccttc	cctactctgg	cctttctnng	240
aggctacaat	acccacgaga	tgagagtcaa	aacacaccct	cgctctgacg	agacatgacg	300
acttttaacg	atggcgcac	tcttcttct	ctacaataac	cggntgcac	attcatcttt	360
cacttctcca	acttgatcga	taccttctt	cgacattcca	gtatcagcaa	aactggttcc	420
ttttcaggtc	tctgttaagc	ttccaatgtg	cttttcttcc	tgcgaggagg	ccaaaaggaa	480
ggaaatgacg	tccatgggtc	ttgtttcttt	ttttatgcaa	gcagggcgtt	tatcaattgt	540
actagcttgg	ggctaaactt	gtctcgaagg	aggaatgggt	tcaaaacgga	ttcattttct	600
aagtgtacaa	catatcgata	cccgtagggc	nttttatggc	cgacttcttc	tcttcagaat	660
cgcagacaag	aataccta	acaaggcttt	tntttttctg	ccccc		705

<210> 1992

<211> 573

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(573)

<223> n = A,T,C or G

<400> 1992

gccatgacca	tccgtcccat	gcacgctgtg	ggctctgggt	ccaacgatgc	tatccgcaag	60
atcaagtctc	ttggatttgc	tttcatcatt	gccctgtctc	tcactctgtg	tggtcagtac	120
gccgatggta	tctccacaaa	ctggcatatc	tttacctggt	tctacgcctg	gtctggattc	180
aaggccactg	gtctcctcga	gcctgaaaaa	ctgggggtng	tacatccagc	tcactcccg	240
cttcttcggg	tccgggtatc	tccgtcgggt	caacgctgcc	atctcttggg	gggggtggta	300
cgtcgtcgcc	tgggggtctc	ttgggtcctc	tctgggtcac	tacggcgagt	gcacngtat	360
tgaagtcggg	gaaggcaagt	gggaangtct	cactcgattc	aacgtcatga	acggcgtaaa	420
caactgacta	cttctctctc	gcanaactgat	gcctggccgg	ggctctgggt	catgggtctat	480
cctcatccaa	ttctcctcca	cggaaagggt	tctcnanggt	tcaatttgct	tgcgcnaatc	540
gcctctccat	caaaaacgct	tcccgtaggg	tca			573

<210> 1993

<211> 659

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(659)

<223> n = A,T,C or G

<400> 1993

naaaatgggtg	glttccattc	caaggccatc	gcctccgttt	acacccactt	cccccnaagc	60
acagtgggtc	cgagcgtttg	gcctttgcca	aggttaccgt	gancattgtc	aagaccccca	120
cgcacatatt	gnattactgc	ctgccacctt	atgttctttna	aggaaggaaa	gcaggctcgt	180
gtaatnggca	agccctnctt	naagggtgct	accanaaacc	ttggannccg	tggtgaaaat	240
tnggaagggt	acccaaaacc	aattctggcg	cttaaggggac	acgaaatntn	aaaaaggacc	300
cggggaattg	aaaaaaaccg	aaaaaaaagg	gtttgaagaa	tttactccag	gggttccgcg	360

gaaatttgtc	atgggacgtn	aaattaaagg	accttttgtg	gtncctgcat	tcgggaagtt	420
aagggttaagc	gttttcgaca	ggaatgaggg	gtcacacgtg	gaggaaaagg	gggatcaacg	480
gtactggctt	ggatcgccctg	gatcgagaac	gagctacagg	atataagaca	tgactgtttg	540
cggatatatt	tataccccgt	atgacgtctg	ccgaatgagt	ttgccatcat	cgcgatnaaa	600
actatantcc	catggtatgt	tgttgcttaa	caatgggtta	tgaagggaatg	tntgttacg	659

<210> 1994
 <211> 452
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 1994	
gccagtttcc	ctgccgagcc
gcaagggatg	cccattcaat
catccatgga	gcctccggcg
cctctttcca	tggttaaccaa
cgattcagaa	cacccaccgg
ttcggtecca	gtacacctat
atgcagacga	cgactgcccc
tccgcaatta	tctatacaga
caactccgct	tgaggggccat
gagcaggcga	tgaatatccc
tcgttatgtc	gataacccga
gaccttgaaa	agccccggca
tatgaatcac	cttcgataaan
gagtcgggct	ctgtagcgaa
caacgaacca	tccccggaat
accgatacac	ccttatgctc
ccgtgcacgc	gagtcacagt
aanttgctca	accaactacc
accagagact	ctggaccacc
ttcgggtgct	tccagaaaant
actatgcact	ccgcacacct
ggactengca	gtgganacat
aatacaaatt	tg
	60
	120
	180
	240
	300
	360
	420
	452

<210> 1995
 <211> 898
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(898)
 <223> n = A,T,C or G

<400> 1995	
cacaaacaca	aaccaatcgg
caacaaagaa	tgcaacatcc
aaatnengta	ccccnctta
ccgctatata	cccttttnca
ctggcagctg	ctggcggett
gcctaaaggt	gtcggccctg
aaattcgttc	tcactacaaa
ggcaagggaag	aattttcctt
gcatcaccaa	cgtgctatt
aagctcagtc	tcgatcgaaa
tcaacgataa	cacgtgcgat
tgccccgacg	gtcccgacna
accaagttac	cgtgacctgt
gccaacatcg	atcctctttc
ccccgaacaa	cctctcgccg
gatcctcttc	tggcactacc
aacacgacca	atgctcttcc
tggattcttg	tgtgccaaca
agggccatat	tggcattgtat
gtgccttttc	tctacgtcaa
cgacgggtgtg	tgcgactaca
aactctgctg	cgatggttca
naagaatacg	gtgggtgcgg
cggcataaaa	gtgcgagaac
aagtgtgcag	agatcggcaa
ggagtacaga	agattagaag
acgagaagaa	gaaggctatg
caaaaatgcgg	ctaaaaaacg
aactgctatg	gtcactgaag
caaaaagatct	tcgacaaaag
gtcgagaaca	aggttgccga
cctcaacaag	gagattgccca
ccctcgaggc	aaagaangag
gatcttacc	aqaaacacca
cgaagcagac	aacaagataa
gggcaaagtt	gttcgaggag
gtgaacnaaac	ngcgngggaa
agcttctgtt	ctcccggtat
ggccaanaca	ccctnaatga
gtttecgcat	ctctcgacaa
tgtcgcacca	acgtgatgtc
ttaaggagca	atcggggagc
tcgaggactt	nttaaaaagt
caagaccgat	tttaccceca
ctttacccnat	gaggggggt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	780
	840
	898

<210> 1996
 <211> 589
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 1996

taaggagtca	tggttaaactg	tacagccttg	ctgcccacg	ttgagataaa	cacaaattat	60
cacaaattat	cacaatagcc	tataatcaac	ttggacggat	ctgttagtta	accaaactcaa	120
ttgtcgactc	taggggtcaaa	ttctatacaa	tccaggggat	caatcttcct	ttccatcctc	180
caagacaaaag	aaacaagcaa	acaacgggaa	gacccatctc	ccatctcaga	atcctcccca	240
atctcttcat	cctcctcgct	gataaccccg	agctcaggac	cacaatctac	acccacagcc	300
ggctcttgct	tgctctcttc	ttgtctcttc	ttttctctcc	cttccatctt	tctcttcctc	360
gtttctcttc	caatcctctt	cagcgctgtg	ttgacatcct	caatgctctt	cttagcttgg	420
ccgaatttgt	cttccatcac	gatacagctg	ctgcactttc	tctgcaactt	tcgcgatnta	480
ngcacgtgan	ggctttttac	caancagctt	tggtcgaaact	tggtcgctgt	gaantctcgg	540
cggctctggca	cgtcttttaca	cataaaccac	agcgctcgtg	ggcgcagaa		589

<210> 1997

<211> 1000

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(1000)

<223> n = A,T,C or G

<400> 1997

gacagggtag	ccttactgct	ccacagttaa	ttgatgcctt	cttcactctn	tttgccgaca	60
cctcctnaaa	cgtctcttgg	accatggtag	gagagggtgc	ggatntttac	aaaaacaagg	120
gcaaggccga	cgtctctctn	aaagcctggc	aagattggcg	agctatcaac	gaggattacc	180
ccacgcttgc	ctggcctgag	tggtatgcat	ggcccaacct	cgagttcaag	tggttgggct	240
ggcgcagcat	cggccaaccc	agctgttccc	aatgccaagg	tcacccaaaa	gtactcgaac	300
cgtgttctca	agctcaagaa	cagcacaaga	cttggcggnc	caactactgt	atcctcaaag	360
ngngncatca	tcattggactg	gtcgcctctg	cgtaagcgct	ccacccccat	cctccaacgg	420
cgttcccatc	tctcccttct	tacaacaact	cctcctctgc	atctcgtctc	aactggacaa	480
ctcccaactc	ctcatcatcg	caatccacga	ctctcaatcg	ccctcgaact	gtcccaaaa	540
ccacaggtga	agacgctttc	ccggctcttc	cagcggcacc	aaagcctacc	accacaattt	600
ttggttacgg	caacggccgc	gctgtacgac	gtgactacgg	aaaccgcgag	acaaatttcc	660
aatggggtag	tggaccgagc	acaccagctg	acgaggagcc	cgtgatgac	naagcgggtg	720
gtaagaagaa	gggtaacaag	aagggaagaa	aagttcttgt	tcagtggggg	taaagtgtct	780
gtatataaat	cggatggcta	aatagtgtcg	gatcagtatg	tatgtctctc	aatgggcana	840
atagccgtcg	ggttttggaa	ctggataaat	aaagtgaacna	agcgaggcga	tttggcggtg	900
aaacattccn	gnggaagggt	gagtgaacna	atgtaggggc	gttataacaa	gaatggaact	960
nttggaccnc	ctttgttccg	gttaatnaac	gatgttttng			1000

<210> 1998

<211> 573

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(573)

<223> n = A,T,C or G

<400> 1998

ctggcaactgg	tcaccttctg	tcttggaccc	gcccagcaca	ccgcgagcat	ggctctcttg	60
gcccgtgagag	ttggtatttc	aacattttcc	ccagccttgt	caacttcttt	cgagatcaact	120
cagttggccc	tcgcttttgc	ctgtcaccgc	accttccagc	ccactgcagc	gtaaccatca	180
aggatgggtct	gcgagggtgc	cacaagcctg	tccttccact	gccccagca	tcctctgacc	240
tttaaccccat	cactgaaatc	tttggcacta	tcaccgctaa	cttgaaggcc	gacaaagcca	300

actccctctt	tgggggtgtt	accgagtaca	ggatcgacaa	callgtacga	nacacttggg	360
aaggcatctc	caaggantac	tcngtgagct	gatcggaaca	tccaacggtg	ccangccgtc	420
attgacctga	cggatggtac	actccttttt	aactttcta	gacgggacaa	taacancng	480
gatttacgan	cagataaatg	acaataaccg	gacaaacttt	tattttat	ttgaaaatta	540
caagctgaaa	aaaaaaagaa	cccgggacaa	aat			573

<210> 1999
 <211> 518
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(518)
 <223> n = A,T,C or G

<400> 1999	
ctcactgctt	caacaatgca
cacgttcctt	cagtcagcgt
tctgtccccg	acggtgatcc
gctttgtccc	tacaattcac
ggaacgaacg	acgatatctg
gacgatccgc	agacctatct
tttgctacaa	cccttccaag
cctgaagggtg	atggattgctg
cagatccgtg	gggttgtaac
ctcctgaccg	ctgcgtctct
gcaccgtcaa	gttttccaaa
atctctgtta	cacagacacc
cgttcattcta	caaggggaacc
ctaccaagcc	
ttatctcgga	
gtaanaagga	
tgacccgg	

<210> 2000
 <211> 617
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 2000	
ntccanttca	nttcgntttn
atttggtggg	tggetaccct
gaccacatcc	attcaattac
ctctctctat	cattttnaaa
ggggccttcc	gttggcgtea
ctcttggtccc	tctgtgcagt
accttatctt	cgacgccgag
acactagcca	cacactctac
aaatgttgac	cctncgcagt
atcttnaata	ttcgggtccc
gcattatgct	aagtgga
ccaaccctga	cgatgcatca
tgacctacca	tctcatcact
ccaccaatgt	ggaaacgaga
ccgaagtgtt	ttaccttggt
tcgaactcaa	catccattgg
gagggcggcag	cagcagttac
tctaaatgaa	acaagcgttt
gacaccttna	taacaaanaa
gcactgatcc	cctttggggg
cccatggaca	cgttcttctt

<210> 2001
 <211> 936
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(936)
 <223> n = A,T,C or G


```

<400> 2001
acacctttcc cctccgtaca gtattttctca tttccacaca attctctctc ctactttcta 60
gatctgactc aacgtactct tctttttccct tcgtatgaat gcgataggaa gtaatttcaa 120
ctacttttat cgtcgtcaaa cccactagca acacgtatca aacaaatctc tactataaac 180
aatggagagc cttcagctat cccaggtctt ggccgacctc agcaacctgg gcgccgccga 240
ccctggagct gccgaggcca ttgtcagcgc caacaacgct gctcattcca gttacccccg 300
aaccgacgca actgtgaatg cctttacctc gagtccctct accaacaacc agaaacgtcc 360
taccggcctg cagcgccact ggtcatecga aaagtctgac aagtttgccg gacgtattct 420
ctctcttagc tcccacacag ggtcagccgg aaactcagtt cctggcactc ctgcgcggcg 480
cgaatccgat ttcgaagaag acctggaaag ggcaagcacg ctcatgcaac tatatgatat 540
tcgttccaag atcaagcagc aggataacag cagtttgctc aaggcccgtg agaaggttaa 600
cgcgatagcg gcgcgacagc aagctcagca agcagcggaa cgcaacatga aggcggncga 660
cgagctccga cgtcaacgat actcttttcc tcgggctggc ctntaagccg aacgaccctt 720
catgaattca ctgtacatac ttacganaat atgtggctca tgcgaaggga aatgcgcgatg 780
atgtacgatt ttgacgtttg ccggaanggt tatttgacng cgttggggaca caaaagcaat 840
atgccttcng taatggatct gccctcttgc naagttlaan gcaacaagcg tttgactttt 900
aatattatat gaagtgatec ctgttttggg gccatc 936

```

<210> 2002

<211> 533

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(533)

<223> n = A,T,C or G

```

<400> 2002
gtaacgacta ccaaaccatca aaacaaataa gacaaaatgg ccaaacgcaa gnagacaagc 60
cgtcgcacag agcgagcccg cttctgagcc ttccgtcatc acgaagaaag tcaagggctc 120
caaggttctc aaggaaaagc ccgtcaagga aaangcttcc gcgcctgcga agaagactac 180
naccaccaag accgcctcga atgcgcccga gacaattcaa atcgttgctg gctcctacga 240
tcgaatcctt caccgggattg gtagtgcacg ttggaggcaa ggagaaggcc gagttcgcgg 300
actcgttttt gtttaacgcc catacttcag ctatccgttg cgttgctgta tcgcccattt 360
cancgcccgt ccctggacag acacaaaagg tcatgcttgc ttctggtgcc actgatganc 420
gcgttgaatg ttttcaacct atctgcgcac cccccaagcc naaaagaacc aggaacttnt 480
ggcccnangt ggctcccnaa ccgattctcg anaacnccaa aaatccaaaa gtt 533

```

<210> 2003

<211> 511

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(511)

<223> n = A,T,C or G

```

<400> 2003
caacgtcggc gtcgccatga tgacctacaa cggcgacgaa tccttgcccc tcaacgttcc 60
tctcggtacc ctccaccacc gcaagggcta taagatcacc gagctggagg tcgcacgtat 120
ctactccagc gttgaggggtg tcaacgctcc caaggccgat caggtcactt gccagatgta 180
caaaggacca agtggggggca ctgtcccttg ctagcaaaag agttcacccg ccaagaaaang 240
gtgtctctat taagtaccaa gcctgttccct ctggggttga ttctctgccc tgtcaatgct 300
tcbaaagtag tgttataact tggtttttga cagacaacca cyagatcctc ggaagaatat 360
gtctatttta tggaaaatgct tttcttgagt ttgtcccgag cttgacttta aggaaagttg 420
gaaatggngg gatatggggt ttgatgttgt catatatggc caaaccgaca tgtncattat 480
atnaaagaca caataaaaaac acacntact t 511

```

<210> 2004
 <211> 588
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

```
<400> 2004
cttcattctt atccttccaa attaacagta ttcgagctaa accctcggac catatcactt      60
acaccaagtc gatactcgga acaaacctcc atcatgagaa tccctacgt atctaaccct      120
cttgagacta agactgagga gcatgctgct attgtgaaac gcatagagga gcgccgtgct      180
ccccgacctc tccaatcttt ggatttggt ctccttcaact cccctcatgt tgctgatggt      240
tggaactcgt tccctcggcg agtcggcaac aaaaacgtcgc taagtgatga cttgcggggag      300
cttgccattt cccgagttgc tgtgtgcaac aagycatggt acgaatggaa gcaccatgca      360
ccactggcag tcaagggtgg tgtttctgaa gctggtcttg aagctattaa gcaagacacc      420
cttggcgagc gacctgctga gttgtcagan aancagtggt ttgtaattct cttcacggat      480
gagatgacna agaattgttc agtcaaggat ganactttaa ccgtctacaa aattcttcaa      540
cgancaggaa attgtcgana tccagcgaca gtggcatgtt acactgtt      588
```

<210> 2005
 <211> 102
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(102)
 <223> n = A,T,C or G

```
<400> 2005
nttacagcgt cggngacttg gcanaacctc tgccgttact cacnttcath gcttnacacac      60
atcccccttt ttgctagctg gncgtnataa gcgaattaag cc      102
```

<210> 2006
 <211> 567
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

```
<400> 2006
ctctttgggc tttctttttc ccgtgtgacg ctcgacaagg acgacagcat taccaactcg      60
cttactatca tcaaacctcc atcatagcag taagcatcaa cccaaacttt gtcgcccgcg      120
ccgtctglll cagcttcatt ctccgaattt aagtcattgt gctagtcatt gtcgcttcca      180
ccagactacg atagtgtgtg tgtgtttttt gtlgctttta ccgccatctt cctacatttt      240
atctattctc tagagcccca tggccaaaaa ncgacngtgc aaaccacgca aggggaacacc      300
agcacgtcnc aacctaatctc agacgaacac catgtcctcg qaagantcgt acgtgttaca      360
gagcggggcg caatccagcg acgggacacc aagttagcat gccaacagtg acggaaataa      420
tacaqccatg aacagtalcg tggggaacag acgaagancn tcttcatcac aatnactcng      480
aactcgatga aagatgttga cgaagaanan atgatatcca tntncttgcg tcaonataac      540
tggaattttc gcagcccatc aagtttga      567
```

<210> 2007
 <211> 398

<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 2007
tttttttttt ttttagcgta tgaaaatttg tgtctaaacc aatgccagtc gtcctactnt 60
atataatccg tccatacagg tatcctgtnc cctactctg tctgacctc actcatagat 120
cgaatcttnt tttttcttcc tcgcgtgctg naaatcaagg cgtcgaggcg gnggcaggct 180
ccttgctcct gncctgngg agngngaagg acttgcgngc cttcttcttg agatcctctt 240
ctttgtcctt cttgangggc gccctggcga caagttgctc aaagacnana tagtctcctt 300
cttcctcagg agatcgctca gccctgatna aaacgtcacc gataagaacc agagcttgng 360
cgcgctctaa tcgcttgngg agatggacct tcttgctg 398

<210> 2008
<211> 595
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

<400> 2008
gtcattcatg ccactgcccc ctcaaggcca cccaggtcac cagtctttga tgccttcacc 60
cgatcctcaa cagaacgcaa ttcaccacac ctttccaaaa cacaaaaatg gtgccttccc 120
aacaattcac ctnccttca aggccttgcg ctgcctcctc cngtnggggc 180
catcaaaaac ncacngatg ctccnccagc acngtcgccc ttggaaaaac cgtgagcttc 240
cgtaccacc tccnctcaat cttcaaggaa cagcaaaaac ggngaaatca atgaaggga 300
tttcgaatat tccccngccc ccncgtattt tttgaatgaa ttgggaanaa ttctcncaag 360
gcgctgttnt ttgaaacaag cctggcccaa caagcatanc ggaaccaccc cccnaatggg 420
ggnagtgggt gcagtatttt taatgaaccc ccgggtcgcc tccttgagct cccccccaa 480
gcccccttt tgaaactttg ggaattttac cgaanccaat tggctttttt tgtttacc 540
aaatttggtt ttggnncngt tttttccttt gaatcnaaca tttatcgaaa tgctg 595

<210> 2009
<211> 197
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(197)
<223> n = A,T,C or G

<400> 2009
nrttggncaa atgcnagag ggggggggnt ccatnaaanc caggtnaata anaagccgga 60
gaagggaggg ggggggggcaa ataagcanna ttggttggaagg gggggggggc caggnggggc 120
cggggggaat gggggcgngt gggaaggcca atngccatta aaacgggana atgggtcccc 180
cgccccccgg ngggggg 197

<210> 2010
<211> 376
<212> DNA
<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 2010
 cggggagttt cccgtanaca caactgaagc ggctaccacc actgcagatg ctgccccccac 60
 cattatccca agaaactttg ttgaagagg tcatccagag atagttgtca gggatgtcac 120
 cagcggagag cccgctatga ctaccgaaga ggctgccacc actaccgaaa ctaccgctac 180
 cacttctgaa gatgccacca cttntggaga tgccaccact caggcgatac aacctcnact 240
 tntgaagaca ccactgntac tacaagaagg gccccaccac cacagaagaa gctaccacca 300
 cagcttntga aaccgncceg gttgentaat acatggnaaa gcctcacctt aangcgctan 360
 tggggtgcaa gagggt 376

<210> 2011
 <211> 634
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

<400> 2011
 ctctcatcgt acataacttga tcataacttca cttgaagagt cgcttccccg tgcgtgtcga 60
 gaaacgatcc acgccatcgt tttgctgcgc atgccaaagc tgctgcacac ccacacctcg 120
 actctctccc gaaactcgat agcgctcgcca ggccctcgct agatgatcag gtcgtaacgg 180
 accgcgcttg agatcgactt cctctcagc tgcattccgg tgcgtattcg tagactgtgg 240
 cggcgtaggc agttcgcttt gtttctctcc cgcgtgaatc cactcgctt gaacgttctt 300
 cgcagcttgc atgatttctc ccgcaaatag cttggctacc gctttgacgg ctgtgctgac 360
 attttgagcc acggattggg agactgtggc gttgacgacc tatgactggg agcaacttgg 420
 tttatgatgt aaacgcagat gtcgcttact cgtttaacga cactatcggc tnatttggcc 480
 gcgcgccaga actcatatcg ggtgnactgn tgagagtcca atgccttgac agcatagctc 540
 gtaacgaatc tctcttggc tntgctctga gttcgnngca caacatcttc aacgncattt 600
 aagctttcat aactttaatg gcattttctt aaca 634

<210> 2012
 <211> 558
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 2012
 gtttccaaact gtttttaadca tqtttccttc attaatgatg tgcgtaggtca tgctcgata 60
 gtttatgtct cttttttggc tctctcaata gttgcccac atactaccac ccgatatact 120
 ccattcatcac cagatcgacc ttcaattcgc ctgggtggaat ccattcatgac ctaccattaa 180
 acgacccaact ctcccaatct acatacataa tccaaccgca acgatgctct cgaratcgcc 240
 ccgtntttac atccgacatc cctctccaac aaccgncgaa ttactgnaa ccacccttgc 300
 gccactcccg ccagcattac ataccctnng tctacttlet cngggggcct ctccatcttc 360
 acccttnttn ttcttcagga cggctaacc ttcatccact actgcttat gctgcaccgt 420
 ctnttntgaa gacataacg ccttntttacc tccgngcgcc aacatnaatt ggttcgggc 480
 gcangatata ccactttcat acttgttcca gccagtataa gctgngctat ggntgccaan 540
 aaaaagggt ntgtgagc 558

<210> 2013

<211> 519
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(519)
 <223> n = A,T,C or G

<400> 2013
 cttgctcgag gagattgccc gtcgggttat gtccatcaat gtctctgggtg ctggaactga 60
 tatgcaaact cccctgactc tcatggagtt tccattgat acagttgggtc agttccgctc 120
 tcgtatggga tgggtgcacc ccgaaagaat ccattcattcc ctgagttcaa cctcgcaac 180
 ttcaactgtcc agganagcat gccttctact gaacactatc tgtatgggaa cctgctttc 240
 agctacagca ccgaggaaat gcccatgtct aacgcctcag gacgccacct tctgcagtga 300
 agcccgctgg ttctatcacc ttaccacaagc cagcaatacc tcaatgttcc ctccccagct 360
 taccggggga ncttacagcc ggcattctcg aactttgaag gctcagttgc gttcagagat 420
 accgangaat acggatcatg gganatganc acctccaggg gggggccttc ttcnccatt 480
 catgantctc ctcaaaacta tggggtcggg atgaaaaca 519

<210> 2014
 <211> 554
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(554)
 <223> n = A,T,C or G

<400> 2014
 gtttgggtcc naaaacttgg gcttggttga ttttctaana cactgggcat atcaggcccg 60
 atttgcttca tegtcccttg cgcacgggtt gaacgcaccc tgcccgggaag atatccgccg 120
 tcaagcacag gaaacccctc gtgagatccg gtacgatgac cttcttgggtg atcgatatga 180
 tatgcagggc ttggactgga attccatgaa taccactcgg aggtatgccc gtcagagacg 240
 caatgacact ttcaagaatt acgtcaacaa ggacggctcg gatagatgga gtccctcacat 300
 ggttgacgtt gacatcccat ctccggagag ttttatgaga ttaaaganat acatcgttcg 360
 ccgagatgtc taccttgtct attttcagct tcnacgggnc ttaacttgtc catcgacctc 420
 acaaaagtnta ctacccccgt aacgaangag tcacccttat taacctcnct ttagggnaaa 480
 ctgnggntgc cttcacaca aatatatgac tggngttggg actcttattt ttcccttgen 540
 caaaccacgg ggcc 554

<210> 2015
 <211> 495
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 2015
 ncagctgggt tctgtaactt caagcgtctt tctctctttt cccacatat tcaaccagnet 60
 atctatctct ctctctatct ctgagtgcc gcttcgaata tcacgccatt gcgtattaaa 120
 catcgtaaca atgaagacta caatctttgt cagcgtctt tctgctgtg cgtctcttct 180
 cagcgttggc atcgttggtt cactgtttt ctttgaccag atcgttgaga agatctcttg 240
 tgattgccct ttggtgttgt tacgcctcag ggcctgcggc gtcagcgtgg tttagagggtc 300
 gtggttacag atggaaagaa agtattggat tttggttatg ggatagaccc aagtctaggg 360
 aactgttcaa cttgggtcgta ccgttctttt atgaacggag aaataatacc attcangcgt 420

gtcttttggat ttacacgcca cacaagaac ttntggggac gttctggcna tactataggg 480
gaatatattc cacat 495

<210> 2016
<211> 539
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(539)
<223> n = A,T,C or G

<400> 2016
ggtcgacctc actgccttgc ttgtataaaa cgacagactg aatgcagata tgcgcatgtt 60
gctaattctac tcgaggagac cacaagggtc gcagccaatg gcaggcgaat gacgaaagcc 120
acccaagaag aatcgggata aagcggaaaag tctcttatcc caaatattgc ggatagagggc 180
atgtccaacg atcccagagc aacctcccg ggtgcggttg cactctcgat tggcctccta 240
tctaattgttc catactctct acctctgcg agtaacatct ttggcatttg ctctgaacac 300
cccttcgcca actactggac ctgtgaagcg gcctgtcgga agtaatttca gttcttcccg 360
acaagataca ngccgacatt ctgctcagtc gctactttga gtgtgttgac ccagtgtttc 420
ccatgataca tcgccaaaca ttctacgcag attacaacac ttctggcnga tgagtcncca 480
gacagagnac cngatctctt tttagcatga tatctcatgc tncactggcc caattgtga 539

<210> 2017
<211> 658
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 2017
attgagccat ccattttccac ttgcgtccgt ctacactcca taacgtctcg tcggcccttc 60
tcacctacat cgcctgatct tgtaaaactcg tcaccgctac ccccaacttc tctgctcctt 120
actacacaaa gtgtataagt agctagacac cgccgactct ttaccacatt caacaattac 180
caaccacaat ctccatcaca atgcctagaa tcaccgcttc cgtttccaag gtcactcgca 240
ctcttgccga gtcgcctcgc catgccgggtg tcgctctcat gcccaaatat gccgagctcc 300
ttggatcttc gtctgagcag tcccagcact ctgaggctcg tggctcaaga ctaccaccg 360
tcactcctn agcatncatc gctggtcgna cacggcctnt gatgcaagtc cttnagctct 420
tctgcatctt ctgctgcgcc tggtaacca acgttgacac catgggtgtg cccaagatta 480
caggaattcc aagnttaaac gagccttttc cttcgaatgc cacttttttc cggataacta 540
cgggttttac caaaaatttt atggctggat gccaccgaan ttgacaagta accgacctgg 600
nattttnggt tttaacctgg anattggcng ttccnggggt tccaangcn aaaatggn 658

<210> 2018
<211> 149
<212> DNA
<213> Fusarium venenatum

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 2018
naaacggtga tgttgacaag gttccaggtc cagggtggnga agatggagtt gctgtcggna 50
gaaatgacct tgatgaactg gccttggaag agcttattgc cgtaaaaaa gacatcgta 120

cagaaccaag taccagaagt agccaaaag

149

<210> 2019

<211> 602

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 2019

cgatgaccag	tctcctgcc	ccacccctga	tgtaacaccc	gctgtcgctg	tcgctggcga	60
tgtctccgat	atgctcgagg	ccgccccgc	tcgcccaccc	gtccttcgtg	tgaccgatac	120
cgaacccaa	aagcagaaca	agaaggcacc	caaggccgag	gctcctgttg	agaccaanaa	180
gcagcgccag	aaccgcaaga	aggctgagge	tgcraagggt	gcgcgtgaag	agaacgagaa	240
ggaacgcaag	gctctcgagg	agcagcaacg	ccgtgccgct	cgtattgctg	agggacgtgc	300
tgccaaggat	ggttcgagc	tcactgctgc	ccaggccaa	tcgtctgcct	ggaaggaggg	360
agctcccaag	gctgcaacga	tgcccccgcc	gccanaccaa	tggttttcac	cagcctctcg	420
atactttcga	gaaggctcct	ccacctnccg	tggtgcccc	agggcgacaa	caaatggatt	480
gagtctcttt	cttttgaaga	ggaacancct	cacacttcaa	aatgatgach	aatggacact	540
gttnaaaaca	antntaaaaa	ngntgttaaa	acgcccttna	antggttttg	gcaaaaaggt	600
tg						602

<210> 2020

<211> 544

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(544)

<223> n = A,T,C or G

<400> 2020

cggagctgta	cctccaatga	tgagtttcgg	taaccctaaa	tctaattgtc	ttgcaccacc	60
aaatacatct	caaagtatta	tgccgcccac	tttgtctact	gccacccta	ccaacaatgc	120
ctcatctatc	atccctgact	ctcgagcaac	cccttcgaca	gcagctgctc	cagcatcttc	180
tacgacaaaa	tcttcaacca	gttcttaact	cgtccactct	tccggccaaa	tcctctactc	240
tcgacaactc	cgcagtagct	caaacctacg	aatcccagcc	tcaaccatca	accggagccc	300
ganatgctat	agtatttcaa	agctttgacg	aaaaatgccct	caaggacccg	tagcatccaa	360
accagatcat	cttcgggggc	aagangaata	gctctcaaaa	ctcccttgca	ccgctttgcg	420
tcttcacaaa	catcccgcct	nggtatcgct	atcacgcact	ggtctcacta	ctataaacct	480
accttttcgg	anatcaacgc	ctcaccgcgc	gaaantacga	tggagcatat	cctgggtgct	540
gggt						544

<210> 2021

<211> 547

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(547)

<223> n = A,T,C or G

<400> 2021

gtttatttgt	taacactttg	tcttttttcg	tattttgtag	gataacgctg	atcatgataa	60
ctttgacatt	gactcggccc	ttgggtcaga	cgtcgcagc	ttcttatatc	ccgaatcaat	120

agcagcaagt	atcctcgaat	atagaacccat	ccaaggccgt	acctatcaca	gtgaccggca	180
tgatgccgat	tactatgctc	ccaatgacga	gcagcagctc	caatctgtcg	atatcaccca	240
tcactacctc	accatcctac	tcgacaacaa	gctcttttta	gctcccatat	cacctcacgt	300
ccagacagtt	ctagacgtcg	gtacaggatc	cggcatatgg	gcaatagatt	tcgcagacgc	360
acatcccagt	gcccagctcg	tcggctcgga	actctcgccc	tgccagccag	aatgggtccc	420
tccaaacgta	cgcttcgaga	tcgcagatgc	ctctctcgan	tggcctggaa	agatgactac	480
ttcgattttg	tcccgttcgc	tactgtttgg	ntccattcna	naaagggcac	actcttcgcg	540
gaaacat						547

<210> 2022
 <211> 572
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(572)
 <223> n = A,T,C or G

<400> 2022						
gaaaatattc	aattcgttca	acatgtcctc	tgaaacagct	tgctctcttt	gatctcccaa	60
gccagaaatg	gtgcctgggc	tctcaaccca	tgggaagacc	gatttctcct	gaacttcaag	120
gggcatcgac	tacaagactg	aatggctcga	atatcctgac	atcaagccga	ctcttgagcc	180
tcacatttcc	gccaaaccag	ccaccggaac	atggacgac	cctactgtca	agttccccga	240
tggaacttac	attatggact	cggccaagat	ccttgagcga	attgaaaagg	actgtcctga	300
acctctcgtc	cacaaggact	cgctgtcct	taccaagctc	ttcgaaatca	tgccgaacat	360
tatggccgcc	ctccgaccca	tctacttcac	ccacgtccca	aacacattct	caacganaan	420
atgttccctta	ctggcaggag	accgaaccga	aggggntgga	gacctctcga	caancttaca	480
aaaaaaagyc	ggcaacaggc	tgggataaac	taaccacttt	ncaagaagtc	aagctctctc	540
caggaaaatc	naaaggccat	ctcctaggaa	aa			572

<210> 2023
 <211> 575
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 2023						
aggaccagc	ctactggaca	acatccccaa	ctggctcctc	tggacctcnn	aaggagccca	60
ttgagcctac	cggcagccct	tcagctatgt	ctcctcaaca	aagaggcagc	cgtatctcga	120
agctggcaaa	gggcagccct	gcaccacacc	caagcgatga	gagtggttat	gccacaatga	180
ggggtaccca	tttcagcaac	tacacaagca	gtcccaagcc	tgagaaccgc	aacttgaacg	240
ctgctttggg	tgttcctacc	cgccgaccca	gtggctcctg	agccatgact	cccaagagcc	300
cggaggatga	atctcgccga	cgcaagcgag	aagacacggt	cggtagtggt	acctcccaca	360
acacqqatga	tacggagacc	ttttagaaaag	gggtcaccgc	tggcatccga	ccgttgccgg	420
gatattgac	ttttgtcgaa	gaatgacacn	gggtttttgc	ttttctggca	taattcttgc	480
ttctaccacg	cgttaggctt	tcaatatgtg	tcaactgtnt	gaagaatata	tggatatgaa	540
acgggcttca	actgaatnac	ttttcactng	aagaa			575

<210> 2024
 <211> 615
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 2024

tggtactgca	gccttcacct	cggtctacct	aaaattactg	attcactctt	gagccagtct	60
cagcacctca	attaatttgt	cagaccctag	tgggtcggtc	gttctttaat	actgcaacta	120
ccttttagttg	caccacctgc	tcgctcacag	cttacaatac	atacatacct	actctttttt	180
ttatcgccaa	ctcactcaaa	atgcgccttc	aagctctcgc	agccgttctt	ctctcggcct	240
gtgccgggtca	gtctgtctgc	caggatgctc	ctcgagtcaa	cgacaacctt	cctgggtgtg	300
gatacaaggc	cactctcccc	aaggagccct	tcttcaagga	tgccgccatc	gatggaaatg	360
tcaagggcta	catccacgcc	caagctaccg	attctgggtca	gggtgtgaag	tttatgggtca	420
agttcagcaa	cctccctaag	gaagggtggac	ctttcaccta	ccacattcac	gttgatcctg	480
ttcctaacaa	cggcaactgc	actgcgaactc	ttgctcacct	tgaccctttt	gcgcgcggcg	540
aagagcctcc	ctgtgatgcc	gagaagcctg	aatcntgcca	ngtcngagac	aacaacggga	600
aagcatggaa	aqatt					615

<210> 2025

<211> 312

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(312)

<223> n = A,T,C or G

<400> 2025

gtaggaatac	ccgctgaact	taagcatatc	aataagcgga	ggaaaagaaa	ccaacagggg	60
ttgccctagt	aacggcgagc	agcactaagc	aactcatacc	acggatcacc	ggatagatca	120
ggcaaagcgt	gtggggggga	ttatcagaat	tcagcgagac	ctaaaccggc	tcgccaagat	180
cgcagtggga	tgttacagtc	atcaattgac	ggaactcaac	atgaaatcgc	tattcattca	240
gagcttgact	tttccatagt	ctaaactagt	gtacaagaat	atctacacat	ttgcactctc	300
cananaaaaa	aa					312

<210> 2026

<211> 501

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(501)

<223> n = A,T,C or G

<400> 2026

aaatgctgct	gcttccaaat	acccgcaata	cgctactctt	ctttcctact	ttgctcctac	60
tcaggcgctca	actgctaagt	ccacagaccc	tacgaagatg	cagcgcgagct	tgtccaagtt	120
aggctcgacc	atgcccagac	ttccatcgcc	gccgcctcca	gaagtccctt	gggcgggttg	180
aacgcataqaa	ctaagcaaac	tccttatctc	ctcctcacgc	gaaaccggta	gctgccaaac	240
tgaggatctg	aacgagagag	caagccgggg	cagagctgac	cggaatcga	tattgatggg	300
agtcgatcct	aacctccac	ccctgccac	tgtttcacgc	ccaacatcgc	gtatgtctct	360
gggtgagaga	cngaccaaag	tagtaccacc	ccctgagcca	accattgaca	agtcattcaa	420
aggtcgcaga	aggacgatgg	gcactactac	tgtagcttca	gaaaagccgg	ttgctcgtga	480
tgttccctca	cgaaaaaaca	g				501

<210> 2027

<211> 346

<212> DNA

<213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 2027
 tttttttttt tttttttttt ggnganacat atagagcttt atttcataac tctactcgc 60
 ctcccagtta tctacttaaa atccanacat gctagtgcgc cgtacaaggc cagcaataat 120
 tcatnatttc ggcgtatccg tagccgattc catccatata cataatcaaa caagcaaacg 180
 ccggtccgtc aacgtcgatg cataacctaa cccgcccata tttttatagt atttagttgg 240
 cgaggatggt tcgcacgagg tcagtgtagt tgacctggcc tgagctgggt tcaacggcct 300
 tgaggagctc gtcgacctcc tcgtgggnat tttttcccca ggtttg 346

<210> 2028
 <211> 1053
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(1053)
 <223> n = A,T,C or G

<400> 2028
 gacgagctca accanaaagc ccnontcgaa gtacgaggaa agcaagactt tttctgctcg 60
 caettcgtcg ttctgcttgt tnccaacctt tgtccgtgcc ggcntagagc nccgtaaggc 120
 caetgccagc tcttgtgccg gcattgagccc agttttctgag actgccgagg agtcacgcac 180
 tcttattact tgataacgag tctgactctg gccgcagcgg atctggcagc ctgcgccggtg 240
 atctggaatg ccttagctca cgcacatctg ctagtgggaag ctgggggtgct attggctctg 300
 accgtcctag ctgcgcgcgag ctagagacgg tcaagagcgt cgacagcatc gagagtgtca 360
 gctccaacgg cgagagtggag agcaactctt ttgctgatgt gtttaagaac ggcgctctgc 420
 gagctgcca ggcacacgac tcgaccgaca accagcgcaa ggcacacagg cgggttttca 480
 ccaagagcac tctttctgct taaagggtgt gcttcggctt gaaacccttc tcactgtcac 540
 gattttacgcg ctgcgacttt tcatccttgt cccatgactg cgcggactgg actgcatttt 600
 tgatgggtgt cgggttagtc tttttttgat cactacggga gtcttggtac catctgcatg 660
 ggaggtggat gaaacacggt tttctttttc ttttgcgaa ttttactatt acagnaagtt 720
 tataattegc ttacagctc ctcccttaga ctttttctact tcgtcatgac attaggggga 780
 atgcgccggg gataatcttg tctcagccta gatggacnaa tgggttactt ggggggttga 840
 tgaaggaaat tttataccaa tgaggatgag aagcatcacc ggggaacaac tctgcctgaa 900
 agcctntgtg aggantaaac tagcncctga tgtggttacg gncggcgctc ctgcnggaat 960
 nttggttcgg caaattgaca tttgcttccg tgcacccgta tgggatgcta ctggctttng 1020
 ctgcgcncgc aanttctcga ctgcaaaggaa taa 1053

<210> 2029
 <211> 623
 <212> DNA
 <213> *Fusarium venenatum*

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 2029
 ctatgatccca ttcttttttc ctacttgaat tgcattgtgc gttcttgaca ttqanccaaa 60
 ggcattagtt tgcctctgtt caacagcatt ctatcatatt cccatcatcg acgtctcccc 120
 ggcgtcttta tcaacatggc tatctacagc tccgtccgcg caccagaaca gcaaccgacc 180
 acaaccactt caacccttac tgcgacaaat cctccttttg ctgctatcca ggcctagtcg 240
 cctcctacgc cagtcaagaa ctcttctatt gatatcgatg cttggactat ctgcgctctg 300
 caatccctca ggcgtccctt gtcgcacgtg gaacttgat cctctctgct atcccattgt 360

gaagttggcc	aaaagctcaa	cccaagtctn	ctgacgcaan	gncgacttcg	cyaagcattg	420
gggtatccac	tntattccaa	agcgggccctn	tttcaaggag	ggacagcagc	gaagncgcga	480
actantcaaa	agggcaagga	gggaatngcc	agcgctcgctg	ntggganaag	accgtttgatg	540
cacgttccaa	cttnagctct	tgccctcgnat	tccaagtcac	ccacgatact	gncataaggg	600
cctntanctt	gtaatttga	cgc				623

<210> 2030
 <211> 634
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

<400> 2030	
gcaatcttca	60
tgctcagatag	
atcacatact	
cactggagat	
atgtcgttcg	
cttgtcaagc	120
ggtcgatttt	
acaacccctc	
ctactagccc	
tgaaagccag	
ccatacccag	
ttgcggcaga	180
cgggcaacaa	
cttcggcccg	
taccagtcag	
tggacagggc	
aatatgatgg	
tcgatgctgt	240
cttggaccat	
ggcgattgtc	
atgacaccca	
gggtcatccg	
gatccccct	
caacttgcac	300
acagtctccg	
cggactacca	
gcctcgtnga	
agtgggtccag	
gcgccacctc	
angaaagcga	360
agtacgcgc	
ggcaattcgt	
gggacgacgc	
cattcctgaa	
atccgcaccc	
catctccgc	420
aaggccctca	
ctcgaaccgn	
atcaaggaca	
aggcttggat	
gatgcaagct	
gcgcncccag	480
cgatgccgag	
tccgaagtca	
cggaggctgg	
atccggatcg	
ccatctgaaa	
gccaaagtgc	540
ttcccgctcg	
cgtcttttgg	
tcgtttccgt	
cacaaatcct	
tacagaaaca	
taaaacgatg	600
tattcaaagg	
gcggtgatgc	
aaacagtgan	
ganggttcag	
ggagcganga	
caacctcacg	634
ggctaaaatc	
ttcaacttcc	
gggaananaa	
cttt	

<210> 2031
 <211> 581
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 2031	
gagcactttc	60
gccgagctat	
gcgctccgat	
gcttccgcgt	
caaacatcat	
cgaagccaac	120
acatctggaa	
agatcacagc	
caccatcacc	
aagtccagcc	
agaatagcga	
caagtctgat	180
tcacatcaa	
agtcactctc	
tgtcaacaag	
ctgtcccgtc	
cttggargtg	
ggggtccaag	240
gacaaggacg	
ctaccaagga	
gcgcaagacc	
aagagcaaga	
agggaaagaa	
gatcactcac	300
cctagcgaga	
agcctttgac	
agcccaaaat	
ctccaacacc	
aggagatgct	
atcacagttc	360
agcttcacct	
ttggtgcctc	
ttctcctgag	
cagattgaag	
aagataactt	
cttgggcggt	420
agcccttggt	
gcacacgagc	
tcccagtgtt	
gtcaacttct	
ccttgggaagg	
cgacagcgaa	480
agcgacgac	
agacttcac	
atcttcaccc	
tctatcaaat	
catcctagtc	
aatttctga	540
atttccaaaq	
ccgatgggtga	
tggatgggag	
ggcatgcggg	
ccccnatagt	
ccacaggggc	600
gaaagctgga	
anattctana	
acgcccgcgt	
taagcgccgc	634
g	

<210> 2032
 <211> 939
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(939)
 <223> n = A,T,C or G

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<400> 2032
aggatatcca aaagacatgt acacgcaaaa atgatttgaa gagacatatt gaggatttcc      60
acaacaccaa tgctcagtggt ttttgteggc aaaagggttg cgacatgggtt tttgactggc      120
agacggcata caaaactcat ctcaagcaag cccacgggtg ctcccgcagtg tctcttgacg      180
aagccaagat taacctttgc ccccaactg tttttgcttg cgggtttgag aactgctccc      240
aagtttttga ggctcccagc gacgacgaag cgcacaccgt gttcaaagag tttgtggctc      300
atgttgtgaa acactttgac gaagggttcca acagcggaga atgggtcctat tcgggacggg      360
tgcgaaactt acttcgacag tcaggccttg ttctgtgctg gcaagggttcg tcttgggggtg      420
cggaagaagc gaagccaact gcagtggcat cctcaatcca gtggcattct tcgaaagcgc      480
ctggaacaaa ggcatttagg tgatttgcaa cttcttggtt aatatgctat tgctcttggt      540
acagagccat catcaatcac aaagtaccgt gacgacttta tcaatcctgt caaggatcaa      600
tgctgccagg ttatcatggg acacaagtct cgggcacctc ctctgccgcc ttctggcccc      660
tctcccagcg canatcagta tcagttccgc atttcccag gaaacacaac ccacaacccc      720
aatttggcag catacatggg cacgcancgc cgagcatatc cagccagaac cggctcctgt      780
cgttctggcc gttctgccc gcccacggcg caagctatgc ctgcaacttc gtctggccct      840
ggctcgatgc cacaccattt ccagtatccc acatgaatga catgtttgat ccaaganacc      900
agccccagca gcaacaatcc ctatgatgca caagccaat      939

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<210> 2033
<211> 334
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

```

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<400> 2033
aagcgaggct cgacttccag aaccgcgcta aaataaatga gcaccagctc agaaccacga      60
ccgacgtggt caagagtggg gcccaagtaa gggatcccag cttcacgcag tccctggcca      120
cgctccacca ccagcagagc agagatggaa aaattaaagg gccccgcgtg ggccgnagcg      180
caaggaggag ccaggccagc ctgacctgac ctgacctggc gctgttcagg gcctgtcaaa      240
ggtagaagaa aaaagggggg cggaagggaag gagaaccgaa atatgactct cagaggtaaa      300
attgtcgata aatttatcgg ttttacaagt cacc      334

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<210> 2034
<211> 450
<212> DNA
<213> Fusarium venenatum

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<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

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<400> 2034
ctnnaggaga aatttcgcgc ctggncaaagg tcaaaggcct cacttgtgac gttttcgga      60
ctatcgctca ctggcgctca accgtaaccg aggaactcac atggcgagcg ttcgcacaaa      120
cctcttccga tctcgaccaaa gatctcaaga ccagaatcca gaacctcact gaagaagact      180
ggggtcgctt cgtctcaagag tggagaaaat catatggcaa gtttactcat ggctttgatc      240
ctgagaagca tacatggaag accatcgacc aacaccacca tgacagcctg atcgagctcc      300
tagaagcctg ggatctgcgc agctttacag ccttttctga gataaagtcg ctgagcttag      360
tctggcctcg cttggacccg nggggatgac tctcqqatg qgcttgaqaa qcttcggaag      420
aacgtcaaga ntacgacggg tntcaacggg      450

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<210> 2035
<211> 631
<212> DNA

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<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(631)

<223> n = A,T,C or G

<400> 2035

cttacctatt	ctcactctca	ctctcacatc	tactcctttc	tccttgctgt	gcgacgagaa	60
ccactcaact	ttaatatcgt	aacacgggca	cgatacggaa	caaccacaag	agaaaagata	120
tcacgcgaat	caattgctcg	aatacaaaaa	tcacgcgaaa	agagaagtga	aatttacaca	180
acgaatcaca	ttctacaacc	ttttagagct	ccagctcagt	cgctacaatg	agttacggat	240
acggtagaca	aaatccctac	gatgcccctg	accagggcta	cggcgataac	ggttatggca	300
acgggtggcgg	ttacaacagc	ccacaagctc	agggctatgg	tggtagcgtc	gaaatggagc	360
cccttgctca	caacgggtag	ctcctttgct	caaagtgacc	ccaatgctat	tctcaacgag	420
tgtcgcgata	tgcacgcggg	aatcgacacc	gtcgagcaga	acctcgagca	gcttcgtatg	480
atccagcagc	gaacctctga	cgatgcgcgc	agctangctc	tagtgctgnc	aaccgcagct	540
cgactccttc	tgtgcaccat	gtcgtctacc	gcgagctacc	gacgagtcga	ccgtnagtca	600
acccgaggca	ctttgcaaga	acaaccttac	g			631

<210> 2036

<211> 341

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(341)

<223> n = A,T,C or G

<400> 2036

nttaccgcgac	tccacgttat	tctgactgnt	tcgctgtgac	tctccgactc	ctcgaaaagct	60
ccaaganaag	tggatctctg	anggtctgac	ttttggcaag	gtctcctata	ttcttgnccg	120
ctggaagaag	gattgcgata	caacagaaaa	tcacgcgagg	ctccnaagac	aaccaaaagcc	180
gtttccccga	ggagggggagg	anatcgaaga	anattntgct	tacaagtacc	ttgaggctta	240
nccaaaacaa	caaggtgtcc	gnngaantgg	cgacacctat	tngcgcttgt	ttgtggacna	300
anaaccggac	aagtttanaa	aagngtttgg	tctgtaaaag	c		341

<210> 2037

<211> 271

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(271)

<223> n = A,T,C or G

<400> 2037

ggacctcaga	caacggactt	ctcactgcca	cccagaagct	taactcgaca	aagatcaactg	60
agcacttcaa	gaaggacatt	tctgccacgc	tcgagcgctc	gtagataacg	acagaatcgg	120
atatgcaacg	aaattgtgga	acatcatgtt	ttgaagttga	gacgatgaat	accaggatcg	180
aaagagagac	gagagagtgt	atcgactttt	agcttgattt	tgttttttagt	gtctaattgta	240
ttgtcgtggc	gttggctccn	aanaaaaaaa	a			271

<210> 2038

<211> 690

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(690)
 <223> n = A,T,C or G

<400> 2038
 ggctggtatc ggtgctggtg ttggtgtcgc tgggtctgatt gttatcggtg gtctcatcta 60
 cttctgcctc cgcaagcgcc gcaacgcaa gaacaaggct gagtacgacg atgtctttgg 120
 tgcattctgag gttcctgttg gtggctgtgg tgggtggtggc ggcgcgcgcg ctgctgtcgg 180
 taccagcccc cacatgtccc agacctcccc tgcctgcctt tccactctgg cccctagccg 240
 caacactact atgtctgagg gttaccgtgg tactgccctt ggcgatggac gtgccggatt 300
 cgccaagcct cagcagtatg gacgtaacta cgcggccggt agccccgaga ccaactactc 360
 ccgtactgct ggtagcgacc aagcctttct agcgcgcacc cctgagaaca actacgccaa 420
 ccttgccgga cactcaccac acaacaacgc tgcgagatg tacagccctg ctaacacagc 480
 tganctggca tccgacagcg ctgctacca aatgatgctg ccganattga 540
 cggtaacaag tctcaagtgc tccgggtaca ncaccgcctg ancaactata tgaaatcctg 600
 cgcacccta tcngtaaatg aacatngtgc catgtaacta acacanaagt cctggcaaaa 660
 atccgatgga aggatgaaat aaaaaaatcc 690

<210> 2039
 <211> 493
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 2039
 gcttateccc gagtcttttc gcggtgccc ggatgggtccc gctggagatg ttgtatccat 60
 cttcttcttc cagtctctct ctgcctttta tcttccatc aaggctcgagg actacgccac 120
 cgacattggt ctgagccgta ttgctctcgc tgaccaaggc tgccctcgcca ccggaggagc 180
 tctctacggc agcctgactg tcaagcaact ctacaagaac accagctggg tcgagcatcc 240
 cgattttggt gactggcaga agcgttcaa cgggtgctggc cctcataagc ttgctgcccc 300
 catgctcgtt atccaaggcg aagccgacat ccttacttat cccgagtacg ccgaanaaaa 360
 ttcaacgaga cttgcaagga gtccccgagt ctactgccga gtacaaatct tacctgatct 420
 tgaccacggt gctgtgctgc acgcttctgt ttctgacttc atgccctgga atgcggatcg 480
 tttcaatgga att 493

<210> 2040
 <211> 625
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(625)
 <223> n = A,T,C or G

<400> 2040
 cgagtatctg caaagacaaa agagcacctc attcagctcc attcgcaaac ctccaagcgt 60
 tattgtctac gatcgctccc atcctcgagt ttccgaagaa ctctcccttc gatcaattca 120
 ttacaagcac agtatcgata taccttcgac gccagtcctt gccgcgcgcc ccaactcacg 180
 cccnggcttt actgatgagg ctgtccaaagg cgaagatgct ttcactctaa ccattgaagc 240
 tcaaacctcg cgattgggga aactccctcc ttcactctgc catagtggaa ctgcgagcag 300
 ccgcagcagt actatgagcg cggtttcgcc ccaagatcct tggcatggtc actatcccca 360
 tgcgttcaac ggcactcgca gctccagcga atacctgcct cggacacacc aatcactgga 420
 tatcagacga cagcagccac gaatgcattt catgtccaa acgagtctgc tttcatttga 480
 cgaagagggt tacctgggag gcctttccac acgacgcctt gttcgccaat cagagattgg 540

cagagctatc ggntgagttc ggatgttcca tctgnatctg aattatataa ccgacaaccc 600
 aaaaagcaaa accagacgtt tctgc 625

<210> 2041
 <211> 637
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(637)
 <223> n = A,T,C or G

<400> 2041
 cttcagcttc gtcgtcatgg cgtatgcgaa gcangtgctg cagaagtaca tgcaactgat 60
 gattccttgag ggccccggng ttgatgacca ggaggggtccc ttcgctgagg atctcctga 120
 cgggtgagggc cggcgggggac gctttggaen gnttgatggg tctttgtggg cgggcttact 180
 ggctggacag nccgagaatc tgacgaatgg gccccagac tgggaggatc caacaaacca 240
 gccggcgagg gtacgctctc gggcgaggtc tataaagtct gtttgacacg tgggatctgn 300
 cgcagactgt tgaacgaact caaaagatat acacggatac ttggaacatg gacactggcg 360
 gccangccgg ttgctgcctc tttaacatttt tgtgatgcaa gtcaccacca gtggctgatg 420
 ctctgcgatt catttttcatg ataaagggac caacatacga tagacggagt tntgataggg 480
 ggaaagttca tatacggaaa tcatnatgga aacttgtaga aagtccatgt cngacacaaa 540
 accgacgact nnggccgacg cggaggaaat gcngnattht ctgcgaaaac tccgnattgt 600
 tgtggatctt ttgaacggng gntgcggatg gngtgaa 637

<210> 2042
 <211> 624
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 2042
 cttgatcgaa caaacgaatt aatagtagcc gattcaatct ttgagacgtg tttcttctgct 60
 ttgaaaaatg gcagaatcaa ccatggattt gaccaatcgt ccccgaaact gccagagagc 120
 gtataagcag ccaccaactc tcgacgttcc tgacatcgac caagatgctg cggaaagaaa 180
 aagggttctg aatgtgttg ctcagagaag atatcgtgaa aaaaagcgat tgagtcgtct 240
 caaagccaaag tcaacaagca acgatgtgac tcaaaaattca gaccagaaac catttcgcaa 300
 tgttaaragg gagccatttg gagacgatat cattgaaatt ccgagaacgg tgcaagacqa 360
 tgcgcagttc agcaaccaag ctgccagcat gttcatgcc acaaccaccg gcgatgctgc 420
 tgacatgttg gctgggcttg atttcagtct gacatcgttg agtccccctt cagaaatggc 480
 acttccatct gttttgccag atgtcaacat tcttcagaa tttttatgcg angaaagnaa 540
 tttagcatga agntcagca ggagcttcca agaggattaa cgacacattt tgaccggggc 600
 tgatccaanc acattcctnc gatt 624

<210> 2043
 <211> 632
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 2043

gacttcagtg	gtgattcagc	tcactctccc	gactcaccac	tctctcccgt	ctttgcaaac	60
ccataaccagc	ttcctgtctc	caacgactgg	ataaattggg	acgacaaagc	tgcgctatca	120
cctgatctcg	acgctcttcc	caagcaggaa	ccatttgaag	gcataaacct	ttctgccatt	180
ccctcaagaa	acagcatgga	gcttagccca	gccatcaacc	cacaegacct	ctnggggtact	240
atccctgatg	ccgnccctt	tggccgagtc	ggtctcaacg	acatcgacac	tcaacctctt	300
ttccaaactc	ccattcctgc	catctcttct	cagcctctc	atctccagtc	cagtatgatg	360
cgtcccaacc	cacctcagat	gtcttggtct	ctcgacagca	tcacctccaa	ggatgccaac	420
ggctgatata	cttcgcgcaa	gcgcaagtc	tcaggctctg	ggaagttctt	cttctcgttc	480
ttccacctct	cctccccccg	cgacccgcgc	gccattgtct	tcttcccaag	aagaccgcgc	540
cataacatga	tcgagaagcg	ctaccgcacc	aacctcaacg	acaagatcgg	ctgctctccg	600
aaaggctcgt	ccaaaccctg	tcgcagtcac	gg			632

<210> 2044

<211> 533

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(533)

<223> n = A,T,C or G

<400> 2044

ggattctcaa	gggcctcttt	acagaggtag	atatggtagc	ctgtaccag	aaatgaaggt	60
catgcaagag	tacgacccgc	aagtcgcata	cttccccaaa	ctgtccgaaa	ccccattgc	120
agagggcacc	atcttcaaag	caccacctct	taagaagtca	cacttctctt	gttatcatgg	180
acataagacg	atgaaccgcc	ggaccaacag	atattaccca	ttaacatgtc	agacttgcca	240
caggtcagat	gttgaagatc	gatggacttg	cactttctgt	catttacgaa	tatgcgaacc	300
ctgtgtgaaa	aagcttcaca	acaacagcaa	tgacctccgc	tgtatggtta	acagcctgca	360
gcttacggca	taattctact	tacaccaaca	ctaccaccac	caatttgttt	tattagacca	420
ttagtcactc	acacttttac	agccgtgata	tcgccttata	ttatggcctt	tcttggtgta	480
taaagatacc	ngatggttgt	tgancatgct	tntgcaaatg	tgaagaatgc	gga	533

<210> 2045

<211> 106

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 2045

ncggatttna	atctcgaccn	gngcaaaaant	acaccaatat	ngaacttгна	atntgcanca	60
ttcngcactg	cnttaaagag	ttcncacctt	gatgctggca	tgaaac		106

<210> 2046

<211> 835

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 2046

agtactcgcc	cgtcgcggt	gtagaggagt	ctaaccgaga	agctctccgc	gcgacaccaa	60
gagaaaacat	tcaagactct	ctcaagaaaa	agatgcctct	tcaaggcact	gctgatattc	120

ccaacggcga	gcgggacttt	agtggaaaca	tcatacaacta	tgaggagggt	gctgatctca	180
tgagagaacc	cgacgccact	ggtggtgcat	acaagcggtg	ggacgggtatt	caataccatc	240
ctgatgacct	caagggcaag	ggtgagcctt	cttacacata	cgagaaggac	ctcaaggaac	300
acaagcgcaa	cgctcggtgt	ggacccgcgc	agtaacgagct	ctctttcaac	atgggaacca	360
gccagcgccc	agcttttnacc	cacaaccgaa	gcttcagcga	gagccccgc	acaacccccg	420
aattctnaaa	cgggaccgac	attcgtcgca	acaactctac	aggtcgtcac	aaaatgagcg	480
acggtctacg	aaaagcgctt	tcggaagcat	tcgacgcaag	aaggcttagc	gaaagttagg	540
ttaaaccac	caatgtatct	tttcttggtt	tatttaagcc	ttgggaattg	gcggttatng	600
ggtttattgt	atcttnggcg	gacagggttt	tatgctggga	atggaatcat	gatgtataca	660
cttgtcaaga	cgacatgatg	gaatgggtgt	tgtatatgta	tcggatgaaa	gactactgat	720
atgatatttt	tttggtaaaa	agggtttcgg	gaaaagaaa	aatgttttat	cctgttggtt	780
tgagatctga	tagatagaca	tgtaaagtnt	anaacagctg	agttnttcac	ttaag	835

<210> 2047

<211> 271

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(271)

<223> n = A,T,C or G

<400> 2047

catgaagtca	acaccggccc	ctccgttgat	ggatctcctt	tccttagatg	agccagctcc	50
gatecccccc	aaacaaacca	ggaaaacccc	acccgccag	cttcttgggc	ccctggcggt	120
tgggagctac	tgctacaaac	tatcctcaag	ctccaaaatc	gccctcattc	caggaccgta	180
ccctttccca	gaactgggnt	ataaaaacgc	ctatctttgn	tggccaangg	aagtgattaa	240
acaaaaaaag	cacttccgnt	acagggnggc				271

<210> 2048

<211> 632

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 2048

ctgaatatcc	tcaattgtaa	ttcttccactc	accattcacg	tggaaccttg	acttagtgcg	50
actccatcac	actactacaa	caaaagccac	cttgcatcta	cgccaagrat	tgcattttaa	120
ctttacatta	agaaacgcac	catcgtaacg	aagctcagaa	aagggttcat	tcattctatag	180
ccacaaccaa	tctcactcat	aaaaactcaa	catattcata	atggatccca	tggctcaaca	240
acaagcccaa	ggcgaacagc	ctgaactcaa	tgcctttggc	aagttcactg	ctcagttctt	300
gcagtaaggc	gccaatgcct	ccaacaacat	ttcaactgca	ttcgactcaa	tggacacaaa	360
ggcatggata	cgtcttatcg	tcacgtcggy	cggttacatg	cttctccgcc	ccttggccct	420
gaagtttata	acdaaaadga	qctqttcaga	agatggagga	cgacgatgcc	aatgacaagc	480
gnaagggcca	gatctccct	aacaagctgc	gaggantggg	tgnagaacaa	cccgaaatca	540
atggggaagg	cgacgggtccg	gtgctgantg	gggcaaaaag	tcgtttaagc	aaaaaatngt	600
tgaaggaccc	ttgaactgag	aacgacaaaa	aa			632

<210> 2049

<211> 636

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 2049

tttttttatt	ctctttttccc	acaaacactt	gattgacaga	ttcaaactac	aaaatggtgg	60
tcactactag	agcaagctcc	cgcggcgcaa	gcgtcggacc	tgaattcgca	ccagaattca	120
ataccgagct	acctaccatc	ccatcaacgc	caacaacacg	caagagaagc	gccgccaaaa	180
actctttcctc	caacggtaca	acggcctcgg	ccaagaaacg	tcgtctatcc	gtccaagaac	240
ctaaaaaatg	gagtcaactct	ccctcttcag	ccaccatctt	ctggctcgcg	ttgtctctac	300
cgctcgtggc	ttgggatagc	ggttatgtcc	ttggtcggcc	gcataccatg	cctggaggtc	360
atcttcagtg	gcctttgtac	atgccatacg	ctctctacgg	acaggttgat	tatatttatg	420
gttccaaggc	tttcgatgcc	aagaatgggt	ttacgggtgc	gcagtongct	atgaatattg	480
cgagaatgat	cttgtaacttt	atgtactttg	ggatgatttg	gagacnggct	gataaaagtg	540
accaacaaga	aggaaaagaa	gangaggact	ggtagtgga	ngagtgggtc	tttggcagtc	600
ctgattggat	tcaagcgcaa	ctgtcatgac	tctgan			636

<210> 2050

<211> 645

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(645)

<223> n = A,T,C or G

<400> 2050

atctacatca	acaactctac	tctacactac	actacgctac	actacaaacc	agatcttttt	60
ctcttttacct	cactaccttc	acaatggatt	tcatacaagaa	cgctgtcagt	ggtaacaagg	120
aggggtgcttc	cagcagcaac	aacaacaacg	gcggcgccca	gagccaggac	tacgtcgaca	180
aggctttctc	tgccgtcagc	aaaaagtctg	gctacaacat	ctccgccgat	aaccaggaga	240
agatcaccca	cgctgggtgc	aacatgtacg	aaaagcagac	tggcaacaag	gtcgacccca	300
agatctccaa	ctaaggagag	aaataacttg	taatgagata	aatggatgga	tgctctcaaa	360
agcgataaag	agctagtatg	aattaatatg	acataattat	tgatccacna	anaaaaaaaa	420
ccgcaggcga	taacgcaagc	gcatgaagag	cattgcaatc	tttaccctcg	ccaaacaatg	480
gggaccaagt	tggtttaaca	caacctaccc	cagaanagac	gtgcgcgact	gtgcgatgac	540
taacccccgn	gtggagtgc	actgacaact	cctcacccca	atggcttggc	ctatccattg	600
gggctttntg	cgccaaactt	ctttagagcg	gnaggatctt	tacc		645

<210> 2051

<211> 605

<212> DNA

<213> *Fusarium venenatum*

<400> 2051

ttttcaacct	ttttctcttc	acatctcaca	ctattgaact	atccaatccc	tatccgcaca	60
attgtttatc	aaaaacttca	agatgcctgc	ttcaacttcc	tcccaaattgc	aaatgccccg	120
tgagccggcc	cccgtagcgt	ttgctgctga	acgaactagc	accgaacagc	acactagggtg	180
gaaccatcca	atccctatcc	gcacaattga	ccgattctt	tcaaacatct	cattttctat	240
cgccccaaat	atgagtttga	acggcgagcg	tttgagtact	gaacgaacta	gcacttcgaa	300
cagccgcgac	cgattcaacc	catgaccatg	gaacaacctg	aactgagcat	gcgaggaggc	360
aagaatggcg	acggcggtgc	tatctgctgt	ggcatttgcg	ctggtctatg	ttgctttgaa	420
tgcctagact	gctgctggta	atgtgattcc	atgatcaaac	acggagagaa	tagagtatag	480
ctctggcggt	caggcattaa	tattaggagg	atttatcaaa	gggatatata	caatcattgg	540
ctaattgatg	aacgaactat	ttucgctctat	tcatatctaa	taatgaactat	accacgggaa	600
aaaaa						605

<210> 2052

<211> 573

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(573)

<223> n = A,T,C or G

<400> 2052

cgactagact	cgattatccg	atcaatagga	acaagacaaa	gacactcact	cgttcaacct	60
caaccttggg	aaaccataac	ccacaagagg	aaatccttct	ttttcgctct	ctcatccacg	120
atttcacccc	gcctttctgt	caaccatgtc	naaccttttc	tctggcatca	acgctcgttt	180
ccgaagcggg	tccggtaagg	ctagcagtg	tcctcanaan	acccaactgg	ttctaccgcc	240
agtcagcctc	ctcctccaga	gctgccaaac	caagggaacc	agtctgcagc	tagcctggct	300
cccaaggtec	ctcctctgcc	caagctccct	tcgttctctc	agactattgg	catgggacga	360
atctaacggc	gccatggggc	gtgacgatct	tatctcatcc	tatcaccttc	ctcgacctct	420
tcctctgttg	ntcaacgcgc	agtcgcgcna	acacattgtc	aagggllact	ttatgacatt	480
gagcgcnena	actaaaaccg	tcgaaaaaag	ngaattggatc	gctctcngg	ttgttgaaca	540
ctaccgtaat	ctctggaant	tgctcgtgtt	ctg			573

<210> 2053

<211> 361

<212> DNA

<213> Fusarium venenatum

<400> 2053

gggcaaacag	cgccgactcc	aacgcccgtg	gcccgtatcg	caaccactga	atctccaatt	60
cccaccccta	gtagcagtea	agctgaactg	actcccgcca	ttgatacacg	cccacatcgg	120
atggaatcgc	aacgaaacac	aacgtcttga	gootgtaact	atcaatctcc	aaagaaaagg	180
aacacgttac	gcaaagtcaa	ttctgacaaa	gttcacctcg	actacgcgtg	accgtgtcgc	240
ctgtgtccct	ctcgagtcgt	tgattcgacg	tttgacaggt	gttgaaggat	taaaagttca	300
cccttcagac	ttagaactgt	ggaattgacc	actatactgg	gtcgcaatca	tgctacaagt	360
c						361

<210> 2054

<211> 626

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 2054

cccagctgtc	ccagccgcgc	tacagaataa	accaagccga	aatagcacag	tttgaattcc	60
acgaaattcg	cgatacccaa	aattttcaat	aatggctttt	gacgacgacg	ataatcccca	120
tgccttagca	caaccagctg	gggggtgccaa	cggagctgcg	acagaagatg	ccgacgagga	180
cgcceccgac	tacaagctgt	tcctgtccat	gttcgataaa	catggcgtct	caagtaaagc	240
tattcccaaq	gqcgagaagg	atcttgagtc	gcctggcacc	cgtgcgcagg	atggtcttct	300
cgaggcgagt	cgtaaggtca	tggtataatgt	ggttgggtan	acgaggatcc	atcgcgaaqa	360
tgcttgggtt	cganggtggt	gtttccggac	tggtgggctg	aaatggagca	agctgggtgag	420
aagaagggtc	ctgctgtcca	cagaattttc	atgattgaca	tgaccccgna	cttggcgagaa	480
ggcatcggan	gaaccatncc	agcaagattg	accnttggtg	cgggcgactt	ngtgttnccg	540
gagaggcatt	antttgtnaa	ggggggccatg	gantttnttg	ccaatcgaca	ntngaaaaat	600
ctncttatgc	ntggtaattt	aaaccg				626

<210> 2055

<211> 558

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 2055
 cgacatcgca attcatccct ctctctcttct ctctccctct tttgggttctt ctttccctcc 60
 aaatttgtgc cgtcctctca ccgacgcgca ctttctgtct ttcttctctc ctcggaatatt 120
 cactcactct gttcaaaagc tctcggttgc tctgagcaga tgcagtgtcg tctctcttcc 180
 ttctcttgag acaatagttt tgggcttcgt cgacactcgt tccggccata ttgctttatt 240
 aatactttta cctgctcgtc cgtcttcctc tggatattat cctaagccaa gccaaagtac 300
 gcactgtcgt gatttacgtt tctcgtcgac ctttctgatc ttcactcttg caatcgacaa 360
 ccactatttt gcactcttcag ccttgccaaa acttctgtt tgcactcggc cgaacatttc 420
 aaattcgaat ccataatata taaatggtgc ttctctggaac gacctttttt aatcaatgga 480
 gctcttcgac tattcccttg gatacgtcga tncgtttata atctcgattt tatcggttta 540
 tctgataata ctacttca bbb

<210> 2056
 <211> 594
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 2056
 caccgcggtg gacacaacag tggccactac gaagcattcc gacnacagaa cgttcccgcg 60
 ccttcttcca acccgaatac cttccagcct tcagaagcat tcagcaagac gccnacacct 120
 atgggaacac cgggtgctcg cggcggaaca acacacagcc cggccatttc cactcccgat 180
 ctctgtcag gctcgtctgg taattcttca acaccttctc tagattcatt gcctccccc 240
 cctaggaatg tccggcagat ctacnccggt cggcgagcct accagcaatc ggcaaacc 300
 aggatcccg aaccagcagc ctccgttccg tggcagcttc tactaaatct gccatctcca 360
 agctcacatc tcccaagcag aacaacagca gctcaaccac gcccaagctc gtgccatcca 420
 atgtctcgaa gcgatcaaaa aagcgcaagg naacatcaga caaatngtgg cgtgtcacga 480
 caaaaaantc aaggaagcca agacaacgaa gtcttgggca tgcagaaaga atctatcttc 540
 tatttttacga nctcgaccag gaanacctta ggaaggcgac catcgcgctc tgcg 594

<210> 2057
 <211> 560
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 2057
 gtttaaaagag gggagagttg aacttttttct tgcacccttg caacaaccct ctagtctctcc 60
 ttttatagcc aaccatagat tagcagttgg ctgcgtatcc attccgattg cgaaagcctt 120
 ataccaactg cgtcctcgtt cgcattgttc agctgcgact taatctttac cttaggacat 180
 cgtatccgct ccttaaaacg actgcgaacg aatccacaca caacgcgaca ccttcaactt 240
 atagcttttla agcaatttat cgatgcgaaa caactcgggt gtattgtcta cgggaatcatt 300
 accataagat aaaacatatt acatcatggc atcttggtag tccaacctcg tccaaaagac 360
 tcttctcaca tctcttctct cgcgcagaac ttttatcagg cgaacaagac ggggataccg 420
 aagatgacac acatgtntgc cgcgtctcgg tggctattac accgaaaaag gcgcccttcc 480
 ctcttgggtgc caccagatcc aagggtccact cacaaccgtc agcgtgtatg anccccaggg 540

tcgcggtttgg gtgcccagga

560

<210> 2058

<211> 505

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(505)

<223> n = A,T,C or G

<400> 2058

ataataaggt	gctgttatcg	tccatcgagt	cttgggagct	tcccttttct	ctccattctc	60
tccttaaacc	tgcgcacact	ctttcttctt	gggcctccct	atacctcttt	ttacttgatt	120
tgttccatc	aatcgtaaat	cgactcacac	atcaatcaca	atggctcagc	aataactcca	180
aagacctaat	gtccagaacc	agggaatggc	agagcaacct	ttgcaactgc	tcgcccctgcg	240
actcttgcac	gctcagcact	ttctgtccct	acattctgtt	gggtaaaact	gccgaccgta	300
tgagagaccc	tacaatgaca	aactgccgat	acctgcaaca	gcgatactct	tatttttact	360
gccatccaat	gtgttacccg	ctgtggctgg	attactccat	gatgaancgt	ggananatcc	420
gtgagcaatc	cgcacaaagg	gtatggcatg	ancaatgctg	cttagttacg	gtttcttgct	480
gncctctcc	ancaganaca	agtcac				505

<210> 2059

<211> 559

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 2059

tttttttatg	ttcaacagaa	taattcctgc	aatgccagct	aaactatctt	tgctagagca	60
tgatattccc	tttgagggtt	aggagagcaa	gacagcacac	catcttctgc	gtataatata	120
tgtatcgtea	attcttggcc	tgtggtatca	tctctacagt	cccagccatg	tcgctaattc	180
cgatatcggn	ggtatggcca	cttgaagtga	tgcgaaacac	ctcagtcctc	gattctaaca	240
acacaaatcc	cactgcacca	tctctcacat	gagtctctaa	ccagtacgtc	caatagttcc	300
gtatccttca	cccccagttc	gcacgttgtc	ggaatacaca	ccgggcgcgc	gtccaagtcg	360
caaaacggcc	ctcgcgggct	tgtctctcgc	ggtcgaaagt	aaatgtactc	aagatagaag	420
ggttggtatg	gaccagggga	tgtacccang	atggtcangc	aaatgttgat	gaacagatcc	480
attccncatc	ccgagattgc	ccataccccg	antgggaggg	aagaaanaga	gtnatgagga	540
taanaaaaaac	ntcccgant					559

<210> 2060

<211> 627

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

<400> 2060

gtcggcgaag	ctcccagtc	agctcctgag	gtcggaaacc	aggatgacac	agttggaagt	60
gocgtgcgcg	ctgccactca	ggctccctac	accaagtggg	acaacgtcca	tgagcgtcac	120
tccatctccg	agttcaggat	ggagggcctc	atcctcctcg	tctcaagttt	catcttcttg	180
ttccacatga	tcggcgctcg	tcgtaaccgc	tctanagcca	agggctggat	gcgtgctcac	240

gctccatta	tccagaagga	gtacgctctc	gtcggettcc	gnggtgttcc	cacagtgaac	300
aacgagaatc	tcaacaccga	cacctnate	aaggagaaag	ccctnttgaa	ttcgctacta	360
cgctacgggc	gcaaaacacg	gttttaccga	tgtaactca	ctctgacaan	aagtcaatnc	420
cattgncaac	tgtttgagcc	ctcgccggn	tttntgtcga	gtntgttgcc	cnccaaggat	480
gtcctgaggc	ctgacctacc	cctcgatgga	aggaaagttt	actgtccttt	nttcccgggg	540
tggggtcgaa	ggaaanaaaa	cctacatgg	tttnttgggg	ntntcaaagg	attatgcccc	600
ntcctgaaaa	anaaaaantt	tttnttn				627

<210> 2061

<211> 635

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(635)

<223> n = A,T,C or G

<400> 2061

caacaacctc	aaaaccttgc	tccattgcta	attcgcacga	cgtcgctaca	gcataaaatn	50
acgacccatt	cggcgactaa	tcacacacgt	tctttgntna	attgcnacaa	gtctnttgct	120
cacgcnacgc	gcattactct	ccatatattt	tattacttaa	caacgcggtt	ttgactggaa	180
gctttgcatt	caatcccaat	tcgnggggaa	ttcttccctc	acccaaagct	atctcaacat	240
attcaaaccg	ccctcacgac	tgcgcagcgc	ttactatgc	ccgngaagt	cagccttaac	300
acgccccctg	cggaggctct	caatgctgcc	attcaaccca	agctcgtcga	ggttgatgg	360
ggaactggcg	gtgccgatga	ttccgctcta	acagagtata	ttgcctcatg	ctggttaatg	420
gaaagaccca	agatcagatt	gccgcagAAC	tctngggaga	cctacttggt	ctnggatccg	480
acgacccac	cacccngat	ttttctcagn	ggctggtcna	acagatcgac	gctnttaaca	540
cccaagtcaa	cgggggnaac	aacgcaggcc	ccggagcaaa	ccaaaaacc	tgcaacaaaa	600
gngagatgg	atnccnecat	gaaaggcagg	cgatt			635

<210> 2062

<211> 251

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(251)

<223> n = A,T,C or G

<400> 2062

ntttcatnaa	accctcncag	gnaagaccan	cccttggng	ggagtagctg	gagactntga	50
caattttaag	tccaaatccn	cgacaaggaa	gggttnttt	ttacaaaaac	taatgatttt	120
ngtttgann	accttgagga	tggacgcnc	ttttctatnc	aaataccaaa	ngngtcaacc	180
ttttttttt	cnccccctt	tggggggngg	gaaaaatttt	nnaaacctt	ccagggaaaa	240
anacccctt	g					251

<210> 2063

<211> 660

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(660)

<223> n = A,T,C or G

<400> 2063

nacagctgg	ttgactatcc	ggtctacgga	catacagngt	tttttatgac	ntttctgaca	60
-----------	------------	------------	------------	------------	------------	----

gataattccg	cccaaaaacc	cttcttcgcc	ttgccttgca	cacaaaccaa	tatctagtag	120
ttcgacttga	tgaggtagtc	ggcgagaccc	tcgacggtag	aggtggcggt	accggcgacc	180
tgggcctcgc	cggggnggcc	gacgacnatg	gcctgggtgg	tctttgcgac	agcgacaccg	240
gaacgacccg	atcgaancgt	anatacttcg	accctcagct	cggccatata	tatcactctt	300
tccaacgact	tctacaacaa	acctctactc	ccaatatgaa	gctgaacatt	ctccttgccg	360
ctgctctggt	tgctgtccct	gccatggctg	cctcaagcac	cacagagaca	cacaccgaaa	420
aacagacatc	taccgagacc	ctcaaggcga	gccagaccag	tgcttcctcc	aagacttcga	480
aggcggtcgc	tgctccctact	atgggttggtg	atatgatggg	cggttgctggt	gtcgcagggtg	540
tccttgctgc	tatggctctt	taattgactg	tctggagcat	gtaccatgat	cttagcgaga	600
gcagtttacc	acaaccctt	caattctata	taataaatct	ttcttgactt	tataaaaann	660

<210> 2064
 <211> 594
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 2064						
gttgcttccac	ttgcctttct	tctttctcaa	cgacgatctc	tgaatctgaa	ctgcttcata	60
ctcttctctcg	ccaataacaac	atttcttctc	acacaccgag	gaatatgata	ttgtcgccta	120
aagaatacga	tttcttttta	ctctgattgc	cttatttcgt	ttatacgcct	attcactcta	180
tctacctccc	ctccccacc	aaaagtgaca	aaccgcgccc	gctgctcgcc	aaaagactcc	240
cggccattct	atcgttgctt	ctcagtcgcc	cgatttcgtg	ccccacgacg	agccgttgcg	300
agcacgacag	cgaaaacctc	actttttcga	ccctcgcgaa	tgcgaaattg	atcgatccgg	360
cctgcgatgg	ttattaacga	ctccggcggt	agagtcctgc	gtcccaacct	cgccatgtcc	420
gotacagccc	gacaaacgcc	gccgctgccg	gcctgcacct	ccaccaccga	cgaatctgcc	480
tcaaccatca	ctgtcacaca	aagangccaa	tttctctccc	aaaganggan	aaacccgact	540
cccntntgcg	gtactgcact	cttcggtccc	gatggaaatc	tcaagcgacc	aaag	594

<210> 2065
 <211> 513
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(513)
 <223> n = A,T,C or G

<400> 2065						
ntggcatgag	ncttaaacacn	cccaatggat	ccgatagccg	cagtagcacc	cctacaccta	60
gttttaggtgg	tagcttggcc	gacgctctgc	tagccaggaa	gaacgctatg	caaaaggaga	120
aggaagacga	cgacgactgg	tagccgacat	aacgagttta	tgcttcacga	tgtaacaag	180
gagtgcgaaaa	acaagaaact	tgatgggtga	gggcacagga	aaattgtctg	cacctgcacg	240
gagcatatc	atatacacac	adccacacta	gaqcgaqgqg	gaagaggaga	catggcatgt	300
tgcttttttct	tggtgtatag	aaacaagact	gaattgggga	acccgagggtg	tagaagcgcg	360
aaggaattcca	tggccgagtt	tggtttttat	tcttgatgct	ttggggcaag	cgtatgcaaa	420
agcgtcggtc	tgaatgactg	cangacgggg	acattcatat	acataaccan	gacattacaa	480
attcttagaa	ggaataaatg	cttttttgat	tctn			513

<210> 2066
 <211> 357
 <212> DNA
 <213> Fusarium venenatum

<400> 2066

ctgttaatatg	tctcaagcca	ttctcgtctca	ccgagaccaa	tgaaaccaac	cttgataccg	60
ttggagggtgg	tcacatcatg	ggctctttttg	gcatggccca	ggggcgtgtc	gttgccaata	120
tcaagggtcaa	tgacattggc	gagcagccag	gggaacttgt	tttgacttga	gagatgctca	180
aattgcttga	caccaaagtc	aaagtcgtgg	ttctatagat	tgagcctcgt	tagttaccat	240
gtcgggtcaag	gatggcatga	cctacacacc	cctacgcaag	cgcaatcggt	cccaacatga	300
tcaaggacag	gaaccatgtg	ctgacctgtt	ccaaatagtc	aatataaatt	aaatctc	357

<210> 2067

<211> 543

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(543)

<223> n = A,T,C or G

<400> 2067

aggactcaat	gccccatcg	cctcctcaag	caatcctcac	attcaacgag	aaggacgcca	60
agaagcaatc	gcaacaacaa	caagaatcca	actcactcta	cgaagaggag	tactaccttc	120
cacctcgag	tcccgcgagg	cttgtgtcgg	ccatctcggg	ctactaaagc	aaggggtttt	180
actctgactc	tgcgtcttat	gaatgaattg	tgattttctt	agcgacttgt	tttatacaca	240
aagcgatatg	gcggcattac	acttggcggt	ttttgttata	caaagggata	ccacaacggg	300
atthttgggat	acagcaaaaa	aaagcctttt	tttttttttt	atcatattta	aaggatncac	360
ttttacngat	tttcacccctc	tccctattga	aggaataaag	aaagacagaa	ttgtccaggc	420
aatgaggaat	tggatcacat	catgggtang	ngccgttcca	ctaaaagggtg	agtggcacc	480
gatcagatag	atagttcaaa	aacagacttt	taattaagtc	ttaaaaccaa	tggttaaacc	540
trc						543

<210> 2068

<211> 411

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 2068

cgccaccatc	tttgaaacgt	atatactccc	cactgcgaaa	gtgactgccc	acccagccat	60
gtccacaaca	tcattgtctc	gcttctctctg	atctagagcc	tcctgtgcac	tgatacctaa	120
tgcaaagcca	cgcacgccc	cgcgatcgac	ccgtagccat	cctttccagt	tcgttgagat	180
atcaccagat	cccaaaccgc	ctacgacgat	agttccccac	cactcacgtc	cagcgcttgc	240
gcgaagctac	gtcgcgctaa	agaaggatcc	cttctgcttc	ggctacaagg	gtacgtgtat	300
gttctggatc	gtttcgagcg	ggcctttgaa	cgtaaactgt	tcgcatatga	gatggcgaac	360
aatgcaaccn	ggtggcntcg	aancgacctt	ctatgtcgat	aatgagaata	c	411

<210> 2069

<211> 457

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 2069

naagyaacca	caggaaaaca	actcctcaag	aaccttcagg	gtttggctca	gaagagacca	60
------------	------------	------------	------------	------------	------------	----

cgcgacattg	gtcttgccct	gactatcata	caaatacagc	ttaatgacgg	tcacgtcggg	120
tcancattat	cgattctnga	gtctttcctt	cagcgacttg	aaaaggccga	aaatgtagaa	180
gcactgaacg	cccggtttag	cccaggccta	gttgccctga	ccgtgactct	tntgcgcgta	240
caggggtcgag	agtcatnate	aaaggccgaa	ctcgtcaagg	ctgcgacaca	ttggcagttc	300
cggcaggcga	gcccggccag	ctctnttcta	gaggaggttg	gcattgagtt	aatgaagtca	360
ttcaacgaca	aggacttgca	acttgctggc	gcttcatttc	agaactaatc	gacgagcaag	420
aagggtcag	atattgncac	ancccgggct	tgttgca			457

<210> 2070

<211> 589

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 2070

ggaagcttac	caaggatttc	caggatcgat	tcataattgc	ttattctaag	aacgagctgc	60
cggaatcgga	ttttgaggac	cctatggact	atgactggta	cagtttgatt	gactggacac	120
tcgagctgcc	gcgacgaaga	ggcattgac	ttccagtaac	gaggggtgcc	ctggaaaatg	180
actttacctt	tcaggacgtc	actccccatg	atgaagaaga	cccccgagag	aaattctaca	240
accctcagac	atctgttttc	gctcgctttg	aggccgtcgc	tactccatct	gttggtgttg	300
tcgaaaagat	gctcagtgga	cccagtgttg	agcacatcga	aatcactgaa	aatgacattg	360
ccaggctctt	ggtagcatcc	ttgtgctgca	cagatganana	ccgttacacg	gttgagcaga	420
tcaagcagaa	ntctctacct	tggcagggtg	tgaccaggac	aagatcnact	tattactgaa	480
ggaagccatc	gatgctctga	cacagcagcg	catcatctgt	taaancaaac	ggncgcgcgt	540
ttctggggaga	ctttcanact	ccacgancaa	nttgacatg	tgttttcga		589

<210> 2071

<211> 721

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 2071

cagcgtgcaa	acgatgctga	gcaaaagggtg	gcctctctgc	tggaccagggt	tgagcattct	60
gtcgataatt	accgtcggcg	tagccggcaa	glycccagtg	tgaattctga	agtggctgnc	120
ggtgccaatg	gcctgggctt	agggcattcg	agacaggaga	gctccgaagg	cgagagtgtc	180
tatggaagta	caaacggaaa	cggggaatgga	aatggaaacg	gaaacggaaa	cggggggtctg	240
gaagctagaa	acagcgcacc	cttggaacaag	ccttgccaac	gagcttgaaa	cccttcggag	300
ccagtgggag	gcaccaacaa	gactatcgat	tgagcaccaa	ctttgacttc	gatggatcct	360
nttgccgcaa	gaangaaagc	gatactgctg	ttggcgctcg	cctcagcgag	agtcttgccg	420
attggcgcaa	gagnttgaca	cggagcaaaaa	ccacaatgac	ngggacaagc	cttcgacaca	480
cttaattcgca	agtaatttct	ggataccgat	accctttcat	gacacaaaata	tccccacctn	540
ttcggtttgat	ttatggtcga	tggtaaatgt	ctgtacatnc	cgatcttctgc	naaagggtgga	600
atggagtttt	antttgtctt	taagggaacac	tnttgctcant	tttcgcgtng	gggcnttttt	660
tntttntttc	cactttttctg	acgtatttcca	atttnttigna	actaattttt	tttgaanaag	720
3						721

<210> 2072

<211> 624

<212> DNA

<213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 2072
 cgccccgtcg tctgtctaat ctcaacctcg tttctagggc acgaagctac cctgatcaaa 60
 ctctctctta ttgcaccaga gttctacctg ttcaacacgc agtcaccgtt ttgaacgct 120
 cctccaccac aggtccaagt tcgaacgtca tactcaacct aaccaccaa ctcattccacc 180
 agcccgccat catgtctacc gccaacacca acaccaacgt gggacgctgc cgttaatgac 240
 gtgcgcaaca ctcttgagca atacctccat caagcaacaa gcctgccgat gacaagactg 300
 ccgccaacga ggcgcgttca gccagcgctg ctgagggtcg cccgcctcta tattggcaac 360
 ctgcctatgc gacaactgag ggggagttga aggacttctt caaagagcta ccttgctcgag 420
 tctgtctcga tccctaagaa cctcgcacc gaccgcctgt cggctacgcc ttcgctcgacc 480
 tttccactcc cactgaggcc gagcgtgcc ttgaggagct tntctggaaa gagatcttga 540
 ggcgaaggtn ttgcttcaac tcgnttcaaa ggcctgagcg ttgngagaag taaaaggngc 600
 tnacgngat ggnnttgng ctga 624

<210> 2073
 <211> 649
 <212> DNA
 <213> Fusarium venenatum

<400> 2073
 gatagactta ggagaacagg tttcttgcca ttaccatgac ttctcacgct ggtctacaga 60
 atgtcctgaa tttctgtgat gtgcgtaaga cgggtcaatga tttcttggtt acaagacgaa 120
 ttctgtgagg cttgtttctac cgttcagcaa gaccagatga tgccaccctt tcagacagac 180
 aacttatcag ggatggtctt ggcgtcaaga ccatcattga cctaagaacc aaaactgaac 240
 acctcaacca agccaagaga cgcaaagagc aatccagtat tctgcactc gtcaagtcta 300
 atgaagctct tgcctgagcca ctccaaatct ctggtctgaa ctatcgagac gtcaaaatca 360
 cagggcgccc gttcgagctg tttcttctga gtcagttatc atggtgggat tttttctcg 420
 ttgtttttct ctttctatgt ggctatcgta ctgaagccat aaatatcatc ggagagaaag 480
 ttatgatccc acgtgggctt gtaggactgg ggtttagata cgctcgacca gtccaccaag 540
 gagattcacg aagccttgct tctctatgct gcccacataa gctctccctt ccattgttca 600
 attgcaccca agggaaagaa cgaacaggcc tcattctgtgc tttggtgcc 649

<210> 2074
 <211> 566
 <212> DNA
 <213> Fusarium venenatum

<400> 2074
 ctcttacaat cggctagcca gcattgtcgc tactactact acagagacac aggcacaacg 60
 cactgtcccg atcagccttc aagcaaacaa atatccagag cctttaaagg cttcgggggc 120
 acttgacaag ttcaactttg aagagtccac gcccgctatc ggacgtgaat accctactgt 180
 caaccttggt gacgatatta tcaatgcaaa gaatgcagat gaactgatcc gtgatcttgc 240
 cattaccatt tccgaaagag gagtcgtctt ctcccggtcc caagataatc tcacggatga 300
 cctccacaag gaacttgctc accgtcttgg ccaactcacc aacaagccgt cagaatcaag 360
 ccttcacatc caccctcttc taaacqgcag caatgagttt ggtgtagaag ataatgaaat 420
 cagcgtcatt tcatcccaat ctcaactctt ccattgacaaa aaagacagag atgaccgcaa 480
 gaaaggcgct gccagctggc acaagcgata ttcagtttga ggagtccag cggactacac 540
 gactctgcgc ctaactaccc tttcat 566

<210> 2075
 <211> 435
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature

<222> (1)...(435)

<223> n = A,T,C or G

<400> 2075

ccttggttaac	tttgcaaaca	aaccgatcga	tacagagaaa	ctttccttgc	aatctccttt	60
aacagggtttt	ccaagagcga	gccgcctgtg	cacggnntca	tctaaatgat	cccccttacc	120
ggtacggaag	agccaaggtc	gaatcgggct	ggcccaactt	taggagatcg	tnanggggtcc	180
cctacctgag	tacgagacat	ccataataat	ttacgatgcg	ctagtttgtc	tagttccagn	240
cgcccanaga	attggacgac	agtttcaatg	caaacgaagg	acacctatca	gctattctga	300
tcaggactat	cccgattcat	caatgcgttc	ggcgttgatt	atggaccana	aacattcagg	360
aacaggccgg	ctcttgatgc	ctggtgaaat	cgcactactc	atttctctta	cctggcattc	420
tcgacatatt	tcagg					435

<210> 2076

<211> 950

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(950)

<223> n = A,T,C or G

<400> 2076

gtgcgagcac	gcaacgtctt	acgccatttg	tcacgccctt	tgacaaaaaa	gacacatcat	60
ctaattcttca	tcttccatct	aaccaagtac	atacctcttc	tcttataagt	taatcgctgt	120
ttactttatc	agcgatgagg	tatgtccttt	gttagctgga	agatgaagct	tgggtgatct	180
cccagcttct	atttcgcaga	ataaacactt	tcccatttct	tcagcgctta	gtaccgtcaa	240
gacccgcgcc	cacacatccc	ggaatcactt	tgtccgcgca	acagccaaac	gtcaagccca	300
gcacaaaggc	gcgaacctat	gcctcgacac	tggactaccg	tgtacaacat	cgaactgggg	360
tgaagccact	tgccatcgct	gtgggtcaaca	agatactact	accgcttccg	cgcgcggtcc	420
tcagctcgaa	aagatcctac	atcttgagat	ctcgacaggg	aatctgcagc	gcgcgaatcc	480
acgatggaca	cacgtccacc	gtaatcgcac	cgcccgggat	cacgcccatt	ctaacggact	540
gggtggttcc	gatgagctag	aggggagaga	cctagcgaga	agcaagggtcc	ctctccctag	600
cgaccgatat	cgtctcgtea	gaaggcctac	acttgaaaga	gaggaagcgt	ttcgggacgc	660
ttccacggct	agaggggaatg	tctatctggg	ccgaaagatg	cccatgacag	aagatgacca	720
agttgctgag	ctgtatcgca	tgggtttgct	gtacgacgat	gagcagggttc	gcggagaggg	780
cttcaacctt	gatagcatca	accaccaaga	acccatctac	tccatccgca	ccgccaaacc	840
aaccgnaaaa	tccaagcgct	cccaaagttt	cagcttcaac	cagcctctac	atctagacct	900
ctnttttacc	gattngggcg	gngatcaaac	catcgctcaa	ctcctctcct		950

<210> 2077

<211> 588

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 2077

aaatctctga	agcgctccag	cctcttgcgc	tgtgatccag	ctgctgtact	gtctcgtctc	60
atctcgtctc	ttactttcag	cctccccgac	aatctcaaaa	ataatgctca	agttgtcttg	120
tgtcgcctct	cttccactct	gtctctcaact	gtgtttccac	tacaaaactg	catcatgacg	180
ggcgctgtcg	ctacccctcg	gtacagcaac	gacaacttcg	aaacagcttc	ggttcgttca	240
gctgctccat	cttatgtctc	agaagctccc	tcttaccact	caacaaaccc	gtttcccagag	300
aacttgcttt	catacacccc	tccagctcga	aaccatgcgg	ttgtgagaag	ctccatgatt	360
ccttccagca	gcggcacatc	cactcccact	gcgcgccaac	agactatcgg	cctgcctcca	420
gtgcccgcgg	ccccctttgc	atcccagccg	aatttgaaca	actttcgtat	tgcgacgtgg	480

tcattctgtat ccaagcaatc ccgccgcccg acactaccag aacgtngcca acnyaagatt	540
gacagcacag cgtgatccgn tagacagcct tcgtgcggtt atgactga	588

<210> 2078
 <211> 637
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(637)
 <223> n = A,T,C or G

<400> 2078	
gntcaacaac ctaattttatt cttcaactact ctctttttcaa gacaaaact cccaaatcat	60
caacatgcag ttctccgtca tgcctctctc cgcggttgcg actgggtgctc ttgtctgtcc	120
cggcggacct tccaagccca acaagcccaa caagcccccac aagccctctc ctcccaactgt	180
caacgtccag agctgtctaca atgatcaggc tctctactgc tgtaacagcg atgggtcatgg	240
cgcagaggtc aagtgcgagt ctttctccaa cgggtggagtt ggcggcatct gcaccggtat	300
ccagatgtgc tgcaacaaca acgaagggtgc tcagggtctgc agctttgccc tcgggtggtgg	360
catcatcgtc gtcgggtgacg gcaagggttg gtaaattggtc aactcaaaaag acgagggtcga	420
tcctcgcctc ctctgggacc ggggtggcta gcggataaat aacttacatc gacattcacn	480
gggtcttcacn ggcaccatgg tcagacagan gtccagattg atatgangat tggatgacgg	540
atgattatct tttttggttt ngtaggggat ggctntcgcc atttaacctt aaccataanc	600
accactttta tttaatagct tttatcaagg tggatta	637

<210> 2079
 <211> 626
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(626)
 <223> n = A,T,C or G

<400> 2079	
caacttacta tgcctctgcc gcctaagcaa gccaaaagca agcctacca caagacccca	60
gcccagccag cttggagccc cggacctcgt ggtattgacc ctaccgtttc ggttgctgca	120
goggccatgg aaaacattaa acgacgagcc ggaaacgaga agctttgcaa caatcattat	180
cttcgtggac cgtgcggtag aatggacatt tgcccccttg tccataatta caaggccacc	240
caagacgact tactcgcgtc tgcaatgctg tcacgtcaga atccttgccac agctgggtcaa	300
gaatgcgatg tagatgattg tatttatggc catcattgcc ccaatgtcgt taatggcatg	360
tgtacacgac agtattgcag attctcgaga gatgcacatc cgccaaacac caaattttatc	420
aacaagaaca tcgatgttaa ctagaggatc cgaaccttca ctggctgtcg tctcgaacaa	480
ctngcaatat aactagaaaag gattagggat aggagttaag agaatacagg ctttgggact	540
gttttggaac gggatgtgtc aaagacgata aattgaaagc ttnatcttgn ttngaacaa	600
tgtctggtngc gctcactgag gnggng	626

<210> 2080
 <211> 623
 <212> DNA
 <213> Fusarium venenatum

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 2080

acgagtctct	ccagggttct	ttcatccgac	ggcccatctc	atctctctc	aactcttgc	60
ccctcacgtt	tccacatcgt	cgttgcctct	gacctgcgaa	ccctcttgac	cccggtttgt	120
catcaggctt	gtttttcttc	ctgattcgat	acgactcaac	ttttctgagt	ctatccatac	180
gtcctcgacc	gaacacgatt	gcttcttgag	cttaaatect	tgacaagagc	tctatttctt	240
ttaacgtttt	cacgcatttg	tttgccctgt	tcctgcgata	cagagagccc	gcgatttgcg	300
cactcgatct	aattttcgtc	ctcccgtcac	actcgccatc	tcaatcttca	catcacaaca	360
gccatcatgg	cctccaacgc	tcccactacc	tccgcgcgcg	atggctctac	taccgcgcgc	420
gcttccgcca	acagcaactt	gtccaaggat	gagggttggt	ggtaactttgt	cgagcaatac	480
tacaacacct	tgagcaagtc	acctgagaaa	ctccaactct	tctaaggcaa	gcgctcgcaa	540
ttcgtccaag	gncaaagaag	gcgaggtcgc	caacgtctct	gttggtcgac	aagcttatcc	600
aaagaacgaa	tcaaggagct	cga				623

<210> 2081

<211> 453

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (453)

<223> n = A,T,C or G

<400> 2081

aagaaaagga	tggagcggag	gcggtctgga	cgatctcctg	gagaggggac	aggatttatt	60
tgcaaccgag	gaagacagcg	caaacatggg	cagcggtggc	ggcggcgaca	caccaaagct	120
ctttctgate	ctcccgccca	agagcatact	tgccgatata	gggtcagaac	tatccaggag	180
ccacgctaga	ggtgacagtc	tcctgatgga	tacagaacgc	taccaatcac	ttgctgcgct	240
ggcttcagat	atgagaccca	gtggtgggtg	cgacaccgac	agcgtcttct	cgacagactt	300
taacaaaccg	cgtaacgcaa	gaccgtctca	ccacagctat	tcgcccgggtc	caacagatgt	360
acctatgact	cgctagttgg	gcgagcaga	aggatatagga	aacgacgatg	atgaattaag	420
tcgatctgaa	ttacttntgc	tgtggctgaa	tca			453

<210> 2082

<211> 524

<212> DNA

<213> *Fusarium venenatum*

<220>

<221> misc_feature

<222> (1) ... (524)

<223> n = A,T,C or G

<400> 2082

gaactgaaca	aatcttcaag	cctcgcgccct	tttctacctg	aggtagactt	ccgcccacaa	60
acgtcgaatc	cacccgccag	agataacggt	ccctaacgaa	actgcccacg	tncatccatc	120
tatagccgcg	tcggaatttg	agtacaatct	atacacattc	tgctatttcc	tttccgacgc	180
ggcccttccg	ctgcgcgcgc	acgcgcgacc	cgatccacgc	cccgtaaacc	atctaaatat	240
ggctgctcag	cgttcgcgct	cctcgtcacac	ggcgccggct	acgggcccgc	catctgcagc	300
aghtctcgag	aaagatacat	actcatcaac	ccccccaagc	gatataccag	tacgcacaaa	360
gjaatcattt	galaagctga	tggtggagcg	tttcatcacc	cgtgatgaca	tcgcccgcgc	420
cgcgctcggt	ggtaaacctg	accagacccg	ttaaataatg	agcgacacgc	gcgaaaagat	480
ccangaatat	cgcacaggtt	gcacaganta	ccgccaatng	ttcc		524

<210> 2083

<211> 416

<212> DNA

<213> *Fusarium venenatum*

<400> 2083

agccagtcac	cgtaccaaga	ttacccctggc	cagracccca	gtggtgcgaa	ccttcgtggc	60
------------	------------	-------------	------------	------------	------------	----

caggccaacc	tttccccctgc	taccggtggc	ggtcacagca	gatcaggcac	tgtctctgggt	120
ttcagcagtg	gctcccgcctc	tcttatgcct	gatgccatgc	gatcacagtc	atcatttgac	180
ttccagcacg	gccagggcgg	ttccaccgac	atggctatcg	ttgagtcaat	ccgctctgtt	240
ctctgcgagg	ttgatcttga	taccgtgacc	aagaagcaag	tcgcgcgtct	tgtggaacaa	300
cgtctccaga	ccgagcttgt	tggcgagcgc	cgcacgttca	tggatcgaca	gattgaccat	360
gagctcgaga	atatgtgatt	tgaatattag	agaaatgtgg	aaatttgtgt	ttttat	416

<210> 2084

<211> 508

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(508)

<223> n = A,T,C or G

<400> 2084

tttagacaca	accccacgat	cgccaacgct	ttcaagagtc	aaaggatata	catttgaggg	60
gacaggaggc	cgcaaatatg	ggtaacaaca	cgttttcgtc	ctccaaaccg	accacgccga	120
ctacttcagc	tccaggttcg	gcccacggtc	atnttcattg	ccacnaatct	ccccgccatn	180
atctgcgcaa	ggatgccgcg	aatatnatta	ccgggcacac	gcatngntct	gccgcgccgc	240
cggagccttn	tatggcccag	gcccagggct	caacggtgat	caatcggcaa	agagtttgcc	300
tcttacggng	gtgtcttntn	ttagcggctc	tccacacagc	aactttaccg	ggnggcataa	360
gactgcttnt	tctntgatg	ctaaggccat	cgcgcgaaaa	caagnctgc	accctgaat	420
ccaaatcgca	ccattgggan	naaccgacaa	gcccttgacg	tnoctatgga	gttttttttt	480
tacaancaca	taaatcccc	acgtccac				508

<210> 2085

<211> 254

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(254)

<223> n = A,T,C or G

<400> 2085

agcaagtcaa	ggacaaggct	gctgaggcca	gcgccactgg	tgctgagaag	gttaagggtg	60
aggtcaacaa	gcgtaccacc	cgcagccagt	cgtaagggga	agacagaaaa	gatctaactg	120
gactgggatt	gtattaaagg	aatcatatc	ttcaaatcgt	tcagaggaaa	tcaaggagta	180
tgagaagtaa	gaagcaagtt	gcggaggaaa	tattcacaat	tgttatgaaa	tgaatttttg	240
ttcttttggc	gaan					254

<210> 2086

<211> 520

<212> DNA

<213> Fusarium venenatum

<220>

<221> misc_feature

<222> (1)...(520)

<223> n = A,T,C or G

<400> 2086

catatagttt	atagtagagt	caccaagctc	ttgttcgagt	gcctctatca	ggttgtctat	60
ctctttcttg	gggcattctt	gtctttcttc	ttgcatatcc	ttgacaacat	ggactcttac	120
tttaaccana	anacagatac	tgggaccagg	gtcgaggcga	tcgctgttga	ctggtcagct	180
agcgttctgt	acagtcgcgt	accccttcta	atgtgcacct	acaggggaaa	aggtctgctc	240